

Student Name _____

Teacher Name _____

School _____

System _____

MAAS



TENNESSEE

Tennessee Comprehensive Assessment Program
Modified Academic Achievement Standards ~ Grade 5
Practice Test
Version B



PEARSON

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Introduction

What is the TCAP Modified Academic Achievement Standards Test?

The TCAP Modified Academic Achievement Standards Test is a multiple-choice test designed to measure student achievement in certain skills in four content areas: Reading/Language Arts, Mathematics, Science, and Social Studies. The questions in this practice test are examples of items used in the actual test.

What are the questions testing?

Questions are written to test student performance in state content standards. The State Content Standards and Performance Indicators were developed by the Tennessee Department of Education. These Standards and Performance Indicators are listed on the State Department of Education Web site at <http://www.state.tn.us/education/curriculum.shtml>.

Who is eligible to be tested?

1. Students with a disability who are on an active IEP are eligible to take the MAAS.
2. Eligible students may have a disability in any of the Federal disability categories.
Note: The category Functionally Delayed is a State category, but a student cannot be excluded from participation in this assessment based on category of disability. A student whose disability is classified as Functionally Delayed is eligible to participate in this assessment if determined eligible by the IEP team, but the student will be considered a non-participant and his scores cannot be counted for AYP. **A student classified as Functionally Delayed taking the test would not count toward the 2% cap because he is considered a non-participant.**
3. It is the decision of the IEP team whether or not a student with a disability should be assessed with the MAAS.

How long will the tests take?

The length of the tests will vary, depending on the grade level. The time limits are generous and allow most students time to finish. Extended time limits only apply to students who are eligible for special or English Language Learner (ELL) accommodations.

How will the tests be scored?

The test answers will be machine scored. Results from the test provide information about how well students performed on the content being tested.

May calculators be used?

Calculators may be used on Part 1 and 2 of the mathematics portion of the TCAP Modified Academic Achievement Standards Test (grades 3–8) as per system policy.

Which test accommodations may be used?

The TCAP Modified Academic Achievement Standards Test may be administered using various procedures that are used during the student’s daily educational program. Certain conditions must be met for students to be eligible for special and ELL accommodations.

What is the purpose of the practice test?

In a classroom learning session, these questions can be used to prepare students for the actual test. Teachers can use the practice test to help familiarize students with the format of test questions and how the actual test will be administered. This practice test can also be used to inform parents of the type of test their children will be taking.

Here are some tips for preparing students for the test.

Remind students to:

Relax: It is normal to be somewhat anxious before the test. Remember that the score is only one of a number of measures of performance.

Listen: Listen to and read the test directions carefully.

Plan Use of Time: First, answer all the questions you are sure about. Do not spend too much time on any one question. If a question seems to take too long, skip it and return to it later if you have extra time.

Pause and Think: If you are not sure how to answer a question, carefully read it again. Rule out answer choices that you know are incorrect and then choose from those that remain.



Directions Read the story. Then answer Numbers 1 through 7.

False Feathers

- 1 The littlest blue jay loved to look down from his home high in the oak tree and watch the proud peacocks parading around the forest floor. He especially liked to watch the peacocks stretch their beautiful tails out toward the sky.
- 2 “They have the longest and brightest feathers,” he whispered to himself. “Why can’t I be a peacock?”
- 3 One day, when the other blue jays flew into the sky, the littlest blue jay stayed behind. He studied the colorful peacock feathers that lay on the forest floor.
- 4 “It isn’t fair,” he grumbled. “The peacocks have so many feathers that they lose them all over the forest.”
- 5 The peacocks were nowhere in sight, so the littlest blue jay flew to the ground. He gathered six large peacock feathers. Using his beak, the blue jay tied them together with a blade of grass. Then, he attached the new feathers to his own tail.
- 6 “Now I am a peacock!” he declared, smiling proudly at the fan of feathers he had created.

Go On ►



7 The littlest blue jay began pecking along the forest floor. When the
real peacocks returned, he paused to speak to them.

8 “Hello, friends!” the littlest blue jay exclaimed.

9 The peacocks, noticing his fine new tail, greeted him as if he were one
of their own. The littlest blue jay grinned with joy. When the other blue
jays came home, they spotted the littlest blue jay walking around with the
peacocks. The littlest blue jay ignored them and strutted away with his
new friends.

10 That night, as the blue jays settled down in their nests, the littlest blue
jay curled up with the peacocks on the forest floor.

11 In the morning, the blue jays went flying from their nest beds. The
littlest blue jay followed the peacocks instead. He tried to do everything
like the peacocks — even twitch his tail feathers. One of the real peacocks
swished his tail so hard that one of his feathers shot off and landed on
the ground.

12 The littlest blue jay marched to the center of the peacocks and gave
his own new tail a mighty swish. He watched in horror as the feathers
scattered, one by one, to the forest floor. He was left with nothing but a
blade of grass dangling from his tail.



13 The peacocks became very angry. The littlest blue jay quickly retreated and flew to his treetop home.

14 “Hi, everyone!” he said as he landed among the other blue jays.

15 Unfortunately, the blue jays were not happy to see him either. They simply looked away and would not speak to the littlest blue jay. He lowered his blue head and began to cry. Suddenly, he felt a gentle tap on his shoulder.

16 Another blue jay, not much bigger than he was, said, “You know, if you feel sorry for what you’ve done, maybe you’ve learned a lesson.”

17 The littlest blue jay sniffled and said, “I learned that it is better to be who you are than to pretend to be something you are not.”

18 “Very good,” said the other blue jay. “You are ready. Let’s go find the others.”

19 The littlest blue jay looked up at the other jays flying through the sky. He twitched his own blue jay tail slowly. He saw how his own tail feathers looked like the other birds’ feathers. He smiled as he leaped into the sky to join his family. He was happy to be a blue jay again.

Go On ►

1 Read this sentence from Paragraph 1.

The littlest blue jay loved to look down from his home high in the oak tree and watch the proud peacocks parading around the forest floor.

Which underlined section of the sentence is an example of alliteration?

- A** The littlest blue jay
- B** high in the oak tree
- C** proud peacocks parading

2 Read these sentences from Paragraph 13.

The peacocks became very angry. The littlest blue jay quickly retreated and flew to his treetop home.

What does retreated mean?

- F** looked around
- G** jumped over
- H** moved away

3 Why do the peacocks become angry with the littlest blue jay?

- A** He fools them by pretending to be a peacock.
- B** He takes attention away from the other peacocks.
- C** He eats too much of the peacocks' food.

4 Where is the blue jay when he decides he should be happy with himself?

F the forest floor

G a tree

H the sky

5 Which sentence from the story best states the theme?

A “The peacocks have so many feathers that they lose them all over the forest.”

B “Now I am a peacock!” he declared, smiling proudly at the fan of feathers he had created.

C “I learned that it is better to be who you are than to pretend to be something you are not.”

Go On ►

6 “False Feathers” was written mainly to

- F** entertain readers by describing how a blue jay admires peacocks.
- G** inform readers about the differences between blue jays and peacocks.
- H** persuade readers that peacocks are better birds than blue jays.

7 “False Feathers” is best described as a fable because it

- A** uses dialogue.
- B** contains a lesson.
- C** has several characters.

Directions

Michael wrote this report for his history class. It contains mistakes. Read the report and answer Numbers 8 through 16.

1 Some jobs are not as necessary today as they were many years ago. One such job is that of a blacksmith. A blacksmith is a person who works with iron. Iron is a strong metal found below the ground. Working with metal takes many years of practice. A very skilled iron worker is called a master blacksmith.

2 Blacksmiths use fire to heat and melt iron. Sometimes, they use a special kind of hammer to make the heated metal into usable things. Other times, blacksmiths pour the melted iron into a mold to make cooking pots or tools. Trained blacksmiths wear some type of clothing that protects them. The mold with the melted iron is placed into water. Water cools the iron and makes them hard again. Then, the mold is removed, and the new object is completed.

3 Early metal workers played an important role in the history of America. In the early 1700s, blacksmiths made and repaired items that helped other people do their work. For example, blacksmiths made tools for farmers and repaired wagon wheels. They also made special metal shoes for horses.

4 As time went on, factories began using machines to make metal parts. Blacksmiths were not needed any longer for many iron-working jobs. As fewer blacksmiths were needed, they became a part of history. The work of master blacksmiths can be found all over the United States. People can visit museums and see many of the tools blacksmiths made or used.

5 There are a small number of men and women who still practice this trade. Some create works of art from iron, while others perform repairs by special request. Even though there is not many blacksmiths working today, the blacksmith trade is still an important part of American history.

Go On ►

8 Choose the best concluding sentence for Paragraph 1.

- F** A person must train for many years before earning this title.
- G** A person who takes iron or other metals out of the ground is called a miner.
- H** Iron is one of several different metals that can be found underground.

9 Read this sentence from Paragraph 2.

Sometimes, they use a special kind of hammer to make the heated metal into usable things.

Which revision of the underlined part of the sentence uses the most vivid words?

- A** to pound hot pieces of iron into helpful tools
- B** to make the iron into stuff for people to use
- C** to hit it when it is hot and create new forms

10 Which sentence should be removed from Paragraph 2?

- F** Other times, blacksmiths pour the melted iron into a mold to make cooking pots or tools.
- G** Trained blacksmiths wear some type of clothing that protects them.
- H** The mold with the melted iron is placed into water.

11 Read this sentence from Paragraph 2.

Water cools the iron and makes them hard again.

What is the correct way to write the sentence?

- A** Water cools the irons and makes it hard again.
- B** Waters cools the iron and makes those hard again.
- C** Water cools the iron and makes it hard again.

12 Read Paragraph 3.

Early metal workers played an important role in the history of America. In the early 1700s, blacksmiths made and repaired items that helped other people do their work. For example, blacksmiths made tools for farmers and repaired wagon wheels. They also made special metal shoes for horses.

Michael wants to add this sentence to Paragraph 3 to give additional detail to his report.

Some blacksmiths even worked as dentists because they could create small tools that fit inside people's mouths.

Where should the sentence be placed in Paragraph 3?

- F** before the first sentence
- G** after the first sentence
- H** at the end of the paragraph

Go On ►

13 Read this sentence from Paragraph 5.

Even though there is not many blacksmiths working today, the blacksmith trade is still an important part of American history.

What is the correct way to write the underlined verb?

- A** was
- B** are
- C** were

14 Who would be most interested in reading this report?

- F** a person who wants to learn how to make things from iron
- G** a person who wants to learn about a job that people did long ago
- H** a person who is researching how metal parts are made by machines

15 The ideas in Michael’s report would be best supported by a photograph of

- A** some of the tools that blacksmiths once used.
- B** a wagon wheel from the early 1700s.
- C** a sign on an old barn that reads “Blacksmith.”

16 Choose the best title for Michael’s report.

- F** Iron-Working Jobs for Blacksmiths
- G** Tools for Master Blacksmiths
- H** The Blacksmith Trade in America

Go On ►

Directions Read and answer Numbers 17 through 20.

17 Read this list of steps for making a banana split.

1. Enjoy this yummy dessert!
2. After the banana has been sliced, set the banana halves in a serving dish.
3. Place three scoops of ice cream on the banana halves, and top with chocolate syrup.
4. Slice a banana in half from end to end.

The steps are not in the correct order. What is the best order for the steps?

- A** 3, 4, 1, 2
- B** 2, 3, 4, 1
- C** 4, 2, 3, 1

18 Which sentence is written correctly?

- F** “Derek said We will leave early tomorrow morning” for the amusement park.
- G** “Derek said, We will leave early tomorrow morning for the amusement park.”
- H** Derek said, “We will leave early tomorrow morning for the amusement park.”

19 Sam is writing a report about famous artists. What information does not belong in a citation for Sam's report?

- A** book title
- B** chapter number
- C** name of author

20 Look at this photograph.



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What is the mood of the photograph?

- F** excited
- G** serious
- H** nervous

Go On ►

Directions Eleni gave this speech at her aunt’s school. Read the speech. Then answer Numbers 21 through 28.

Sunday, Sunday

- 1 *Kalimera!* That means “Good morning!” in Greek. I am very happy to speak to you today. My name is Eleni, and I live in Athens, Greece. I am here in the United States to visit my aunt and uncle. My aunt is the principal here at Green Gables Elementary School.
- 2 My aunt asked me to speak about life in Greece. I go to school Monday through Friday, just like students here in the United States. Students in Greece study math, science, and history. We also study both Greek and English languages.
- 3 In Greece, school does not start until 8:45 A.M., so I have plenty of time to get ready and eat breakfast. Before school, I eat a *rusk*, or thick slice of bread, soaked in milk. At 8:00 A.M., I wait on the corner for the *tram*. A tram is a streetcar that runs on a track. Some of my friends join me for the ride to school.
- 4 I enjoy school, but my favorite day of the week is Sunday. For breakfast on Sundays, my family eats bread and fruit. The bread is sticky with honey and flavored with cinnamon. My mother and father, Mama and *Bampas*, talk about the plans for the day. My older brother, Nikko, usually plays soccer with his friends. Mama and I like to go shopping, and Bampas meets us for lunch.
- 5 Mama and I leave for the *Monastiraki*, or market, after breakfast. This giant outdoor market is a thrilling adventure every time we visit. Shopkeepers set up stalls in the center of town. People can buy just about anything. Stall owners sell T-shirts, old lamps, and handmade candles, as well as many other products.



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- 6 Mama and I usually take a tram to the Monastiraki. We buy the food for our special Sunday evening meal. My grandfather, *Pappous*, and my grandmother, *Yiayia*, always come to our apartment for Sunday dinner. Mama and I usually buy fresh fish, potatoes, eggplant, and fresh spices. We also go to the baker's stall and select cookies and an orange cake called *sevani*. After shopping, we meet Bampas for lunch at a street café and have *souvlaki*. If you have never had this dish, souvlaki is grilled chicken or lamb with vegetables. It is served on pita bread and is delicious!
- 7 By the time we return to our apartment, it is time to start cooking. Mama prepares a dish of eggplant and meat before Pappous and Yiayia arrive. In Greece, family meals are eaten more slowly than in the United States. We often spend over two hours at the dinner table. We finish the meal with cookies and cake. By the time we finish talking and laughing together, it is usually 9:00 P.M. I go to bed because I have school the next day.
- 8 As you can tell, I enjoy my life in Greece. My aunt and uncle have visited many times, and they always like the foods and enjoyable activities. I know you would all enjoy Greek culture too.

Go On ►

21 Read this sentence from Paragraph 6.

We also go to the baker's stall and select cookies and an orange cake called *sevani*.

Which word means the opposite of select?

- A** buy
- B** sample
- C** refuse

22 Which sentence from the speech contains only fact?

- F** My aunt asked me to speak about life in Greece.
- G** This giant outdoor market is a thrilling adventure every time we visit.
- H** It is served on pita bread and is delicious!

23 Choose the main idea of Paragraph 7.

- A** Greek families enjoy spending time together at special meals.
- B** Greek families take more than two hours to eat dinner.
- C** Greek families finish most meals with sweet desserts.

24 Which question is answered in the speech?

- F** What do most children in Greece do on Saturdays?
- G** How do some Greek students get to school each day?
- H** What type of shop sells the most goods at markets in Greece?

25 Read this chart based on Eleni's speech.

Greek Word	Meaning
Kalimera	Good morning
Monastiraki	Outdoor market
Pappous	Grandfather
Yiayia	Grandmother
Sevani	Orange cake
Souvlaki	?

Which meaning belongs in the blank space?

- A** Thick piece of bread soaked in milk
- B** Eggplant and red potatoes
- C** Grilled lamb or chicken with vegetables

Go On ►

26 Choose the best summary of the speech.

- F** Eleni lives in Greece and is visiting her aunt in the United States. She enjoys going to school on weekdays, but her favorite day is Sunday. On that day, she and her mother shop at an outdoor market, and her whole family enjoys wonderful foods together at dinner.
- G** Eleni enjoys her home in Greece. Every Sunday, Eleni and her mother shop at the Monastiraki, a giant outdoor market in her city. They buy food for a special Sunday meal.
- H** Eleni, who is in the United States visiting her aunt, goes to school from Monday to Friday in Greece. She studies math, science, history, and both the Greek and English languages. On Sundays, she eats bread and fruit and then goes to the market with her mother.

27 Look at this photograph from the speech.



What is the main idea of the photograph?

- A** Items sold at the market are usually not very expensive.
- B** Most shopkeepers have unsold goods at the end of each day.
- C** Many types of goods are sold at the outdoor market.

28 Who would be most interested in listening to this speech?

- F** people who enjoy studying a foreign language
- G** people who like to shop at outdoor markets
- H** people who want to learn about life in other countries

Go On ►

Directions

Read the poem. Then answer Numbers 29 through 34.

On the Trail

On the trail we walk and climb,
Four friends in the summertime
Watching our steps as we hike along
Humming together to nature's song.

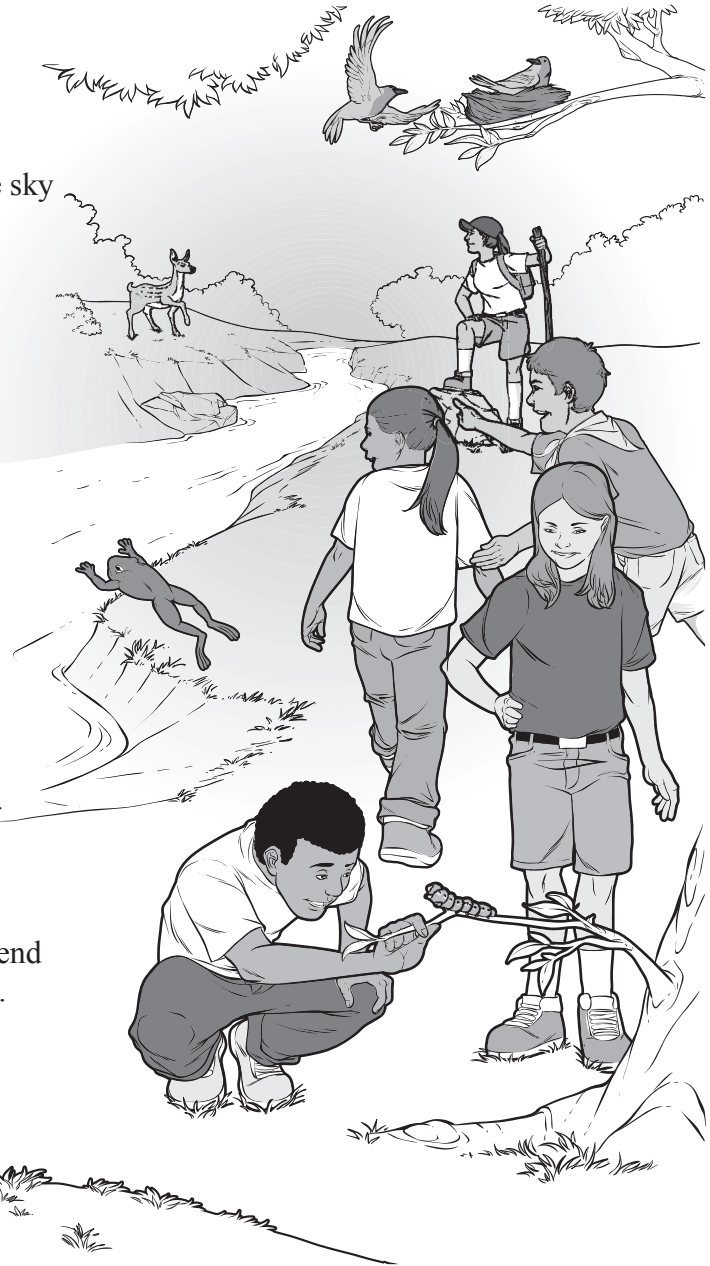
5 Beautiful day to be alive!
The honeybees buzz inside their hive,
The warm sun shines from the clear blue sky
The whole world stops to breathe a sigh.

10 The park ranger leads us on and on,
Then through the trees we spy a fawn.
Our hearts are beating like a drum
As we freeze and watch the little one.

We climb a hill and reach the crest.
Here we see red robin's nest.
15 We pause to rest at the edge of a brook
And marvel at the walk we took.

Before we leave we also see
Two brown squirrels running with glee,
A frog enjoying an afternoon swim,
20 And a caterpillar stretched out on a limb.

All too soon it's time to go,
But after our journey it's good to know
Though our nature walk has come to an end
A new day waits — just 'round the bend.



29 Read this analogy based on the poem.

Brook is to river as hill is to _____.

What word best completes the analogy?

- A** outdoors
- B** stream
- C** mountain

30 Which line from the poem best shows that the friends are enjoying their hike?

- F** On the trail we walk and climb,
- G** Humming together to nature's song.
- H** The park ranger leads us on and on,

31 During the children's hike, which event happens last?

- A** The children see a caterpillar.
- B** The children spy a fawn.
- C** The children pause to rest.

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32 Which line shows an example of personification?

- F** Four friends in the summertime
- G** The whole world stops to breathe a sigh.
- H** Our hearts are beating like a drum

33 What is the implied theme of this poem?

- A** Nature is simple, yet remarkable.
- B** Exercise is important for all children.
- C** Hiking can be fun, but it is also difficult.

34 The reader can tell that “On the Trail” is a poem because it

- F** takes place in nature.
- G** uses descriptive words.
- H** has a regular rhythm.

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Part 2

Directions Read the drama. Then answer Numbers 35 through 40.

Mr. Photography

CHARACTERS:

MOM

CARLA RIVERA, age 12

JULIO RIVERA, age 11

DAD

(Setting: A Saturday afternoon at the Riveras's house. MOM, DAD, JULIO, and CARLA enter the backyard.)

MOM: What an exciting soccer game, Carla! Your lightning-fast speed was amazing! I think the entire crowd heard me cheering for you.

CARLA: Thanks, Mom. Hey, Mr. Photography, did you get a picture of me scoring that last goal? (CARLA begins bouncing a soccer ball from one knee to the other.) I hope you put the photograph in the school newspaper.

JULIO: (Photographing CARLA.) Don't worry, I snapped some great ones. Well, the fun is over for today. I've got to think about my idea for the class fundraiser.

DAD: Julio, did you finally decide what you'll do?

JULIO: (Shrugs his shoulders.) Well . . . no.

CARLA: My class has to earn money for our class trip too. What theme did the kids in your class choose?

JULIO: (Slumps down into a patio chair.) Sports.

CARLA: Hey, you're lucky!

JULIO: Unlucky, you mean.

MOM: Why, Julio? You attend almost all the sporting events at school.

JULIO: I love to watch and take pictures of people playing sports, but I don't love to participate in them. Carla said it — I'm Mr. Photography.

DAD: That doesn't mean you can't participate in the fundraiser.

MOM: Julio, what exactly do you have to do for the fundraiser?

JULIO: Everyone picks a sports-related activity, and we ask people to sponsor us doing the activity.

DAD: Which activities are your friends going to do?

JULIO: Sasha is going to shoot baskets. Her sponsors will give her five cents for each basket she makes.

CARLA: Why don't you shoot hoops?

JULIO: Carla, don't be ridiculous. I need to earn more than just one nickel! Haven't you seen me play against Dad? I'm lucky if I make one basket during the entire game.

MOM: Have you considered swimming?

JULIO: The swimming slots are already filled.

DAD: You said "sports-related activity," right? Do you have to do a sport?

JULIO: Not really. My teacher, Mr. Grant, said to think of original ideas. Everyone else has thought up great ideas. Max is running laps around the track, Sierra is doing cartwheels, and Carrie is catching softballs. Too bad I can't jump into one of my pictures and become Carla for a day! I could earn hundreds of dollars making goals.

CARLA: Julio, that's the perfect idea!

JULIO: Jumping into a picture?

Go On ►

CARLA: No, taking pictures of your classmates during the fundraiser! Remember when I asked you to take a picture of my soccer team so that I could give one to our coach? The picture was so outstanding that every player wanted to buy one.

JULIO: That is a perfect idea! I could sell the pictures to the participants and their families!

CARLA: Sure! You could take action shots, like the ones you take at all the games!

DAD: Carla's absolutely right! You can get pictures of Sasha shooting a basket and Carrie making a terrific catch . . .

(JULIO races toward the back door.)

MOM: Where are you going?

JULIO: To my room to write everything down. I'm going to ask Mr. Grant about this first thing on Monday morning. I don't want to forget a thing!

CURTAIN

35 Read this line from the drama.

JULIO: (Photographing CARLA.) Don't worry, I snapped some great ones.

Which meaning of the underlined word is used in the line?

- A** spoke sternly
- B** broke unexpectedly
- C** took a picture

36 Read these lines from the drama.

JULIO: Carla, don't be ridiculous. I need to earn more than just one nickel! Haven't you seen me play against Dad? I'm lucky if I make one basket during the entire game.

The reader can infer from the lines that Julio

- F** dislikes playing basketball with his father.
- G** lacks the skills to play basketball at the fundraiser.
- H** needs to make a large amount of money during the fundraiser.

37 Carla tries to help Julio by reminding him

- A** to make his own decisions.
- B** to try harder at playing different sports.
- C** that he is a talented photographer.

38 Read these lines from the drama.

MOM: What an exciting soccer game, Carla! Your lightning-fast speed was amazing!

Which literary device is used in the lines?

- F** hyperbole
- G** simile
- H** personification

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39 Julio's problem is solved when he

- A** listens to Dad's idea.
- B** agrees to follow Carla's advice.
- C** answers the questions Mom asks.

40 Based on the drama, the reader can best predict that Julio will

- F** create photographs that his classmates will want to buy.
- G** earn more money than anyone else in his class.
- H** teach his classmates about photography.

Directions

Lucy wrote this letter. It contains mistakes. Read the letter and answer Numbers 41 through 48.

February 8, 2012

Dear Professor Brown:

(1) I recently learned that Pluto is no longer considered a planet.

(2) Pluto was the ninth planet in our solar system for more than eighty years. (3) The planet was named by an eleven-year-old girl in 1930.

(4) The girl's name was Venetia Burney. (5) I am eleven years old too.

(6) I wish I could name a planet. (7) If I did name a planet, I would be disappointed if scientists decided it was no longer a planet.

(8) We are learning about the planets in science class. (9) My teacher explained why Pluto is not a planet no more. (10) Planets must have three qualities. (11) First, they must orbit the sun. (12) Pluto does orbit the sun. (13) Second, planets must be a certain size and shape. (14) Pluto is small, but it always has been small. (15) Finally, planets are supposed to move in an orbit without having other planets or objects in their path.

(16) Orbiting with a most clear path seems to be the problem that caused Pluto to be taken off the planet list. (17) Pluto does have asteroids around it. (18) However, other planets also have asteroids close to them. (19) Jupiter, Mars, and even Earth have asteroids near them. (20) I do not think people would take away Earth's status as a planet because asteroids cross its orbit.

(21) I know many scientists gathered and voted that Pluto is no longer a true planet. (22) I do not think it was a fair vote. (23) Only about five percent of astronomer's participated in that vote.

(24) Pluto should be considered a real planet like Earth! (25) I've talked with many students in my science class they agree with me. (26) Please name Pluto as a planet once again!

Sincerely,

Lucy Sánchez

Go On ►

41 Look at this outline Lucy made before writing her letter.

Letter to Professor Brown

1. Pluto no longer a planet
 - ninth planet for more than eighty years
 - named by Venetia Burney
2. Qualities of a planet
 - orbits the sun
 - has certain size and shape
 - _____

Which information best fills in the blank space in the outline?

- A** must not have planets or asteroids in its path
- B** is too small to be considered a planet
- C** is much like planet Earth

42 Read Sentence 9.

My teacher explained why Pluto is not a planet no more.

Choose the correct way to rewrite the underlined words.

- F** Pluto is not no more a planet
- G** Pluto is a planet not anymore
- H** Pluto is not a planet anymore

43 Read Sentence 16.

Orbiting with a most clear path seems to be the problem that caused Pluto to be taken off the planet list.

Choose the correct way to write the underlined words.

- A** clear
- B** more clear
- C** most clearest

44 Read Sentence 20.

I do not think people would take away Earth's status as a planet because asteroids cross its orbit.

What is the correct way to write the underlined words as a contraction?

- F** d'ont
- G** do'nt
- H** don't

Go On ►

45 Read Sentence 23.

Only about five percent of astronomer's participated in that vote.

Choose the correct way to write the underlined word.

- A** astronomers's
- B** astronomers
- C** astronomers'

46 Read Sentence 25.

I've talked with many students in my science class they agree with me.

Choose the best way to correct this run-on sentence.

- F** I've talked with many students in my science class, yet they agree with me.
- G** I've talked with many students in my science class; so they agree with me.
- H** I've talked with many students in my science class, and they agree with me.

47 Which sentence best supports the ideas in the last paragraph?

- A** Professor Brown, maybe you could visit our classroom and speak with us.
- B** Professor Brown, I do not agree with the decision about Pluto.
- C** Professor Brown, I will continue to learn new facts about all the planets.

48 Lucy's main reason for writing this letter is to

- F** inform Professor Brown of what she learned after studying Pluto.
- G** entertain Professor Brown with facts about Pluto when it was a planet.
- H** persuade Professor Brown to name Pluto as a planet again.

Go On ►

Directions Read the passage. Then answer Numbers 49 through 54.

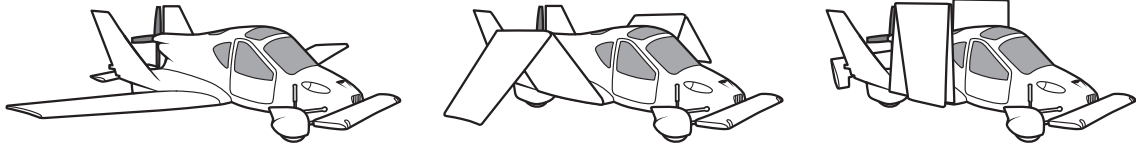
Did You See That Car Fly By?

- 1 People once thought flying cars were only in science-fiction novels and movies. However, flying cars have become a reality. Soon, they may even be on nearby roads. Right now, though, the cars are still in the testing stage.



What Is a Flying Car?

- 2 A flying car is a vehicle that can travel both on land and in the air. In the air, it is a small two-person plane that can travel over 115 miles per hour. Flying cars can fly up to 450 miles before having to land and refuel. Once the pilot lands the aircraft, the wings fold against the sides of the car. It takes less than a minute for the vehicle to transform from an airplane to a car. The vehicle can travel 65 miles per hour on land. If the flying car is low on gas, the driver can simply pull into any gas station and fill the tank with the same fuel used by regular cars.



What Is Required to Fly Cars?

- 3 Driving a flying car is much more difficult than driving a regular car. In addition to a driver's license, drivers must also have a pilot's license. The Federal Aviation Administration (FAA) is in charge of air-travel safety. The FAA requires pilots to have a license for each kind of aircraft they fly. For example, very large airlines provide service for hundreds of passengers on one plane. A pilot must have special training and a license to fly such a plane. To earn this type of license, a pilot must train in a plane with an instructor for at least 1,500 hours.
- 4 In the past, experienced pilots of large airplanes would have been the only people allowed to drive flying cars. In 2004, however, the FAA created a special "light-sport aircraft" category for flying cars. Flying-car makers are building the vehicles so that they will fit into this new FAA category. The FAA is also making it easier for people to be allowed to drive flying cars. Earning a sport pilot's license for small aircraft requires only 20 hours of flight instruction.

Who Tests the Flying Cars?

- 5 Engineers who make flying cars test the vehicles to make sure they are safe. In 2009, a team of engineers launched the first model. The flying car took off, flew for 37 seconds, and landed safely. Since then, the engineers have continued to develop and improve their designs. Now, these cars can fly for much longer periods of time. Flying cars also go through many other tests to make sure that they are safe throughout flight and while on the road.

When Will Cars Fly?

- 6 Flying-car makers are working with companies to make the vehicles available for sale. However, it will take several years before flying cars are common in cities and towns. If all goes well, adventurous drivers may be parking flying cars in their garages someday soon.

Go On ►

49 Read this sentence from Paragraph 2.

It takes less than a minute for the vehicle to transform from an airplane to a car.

What does the underlined word mean?

- A** move
- B** change
- C** carry

50 In which section would the reader find information about how fast a flying car can travel?

- F** What Is a Flying Car?
- G** What Is Required to Fly Cars?
- H** Who Tests the Flying Cars?

51 Engineers have been running tests on flying cars in order to improve their

- A** overall safety.
- B** appearance.
- C** use of fuel.

52 Which sentences best summarize this passage?

- F** Flying cars are new inventions. A special license is required to fly them. They will not be available to the public for several years, but they may eventually be common on the roads.
- G** Flying cars are designed for travel on land and in air. The design and safety of these modern marvels are still being tested. Flying-car makers predict these vehicles will be available for sale in a few years.
- H** Flying cars can travel on land and in the air because of the design of the vehicle. When these cars are low on gas, the driver can pull in to any gas station to fill the tank with fuel.

53 An advertising company is giving a presentation to promote flying cars. Which visual aid would best strengthen the presentation?

- A** a video of a pilot landing the vehicle as a plane and then turning it into a car
- B** a website explaining the procedure for obtaining a pilot's license
- C** a television interview with one of the engineers who tests flying cars

54 Which source would provide the most appropriate information about the history of airplanes?

- F** an interview with the pilot of a large airplane
- G** a magazine titled *National Airplane Monthly*
- H** a nonfiction book titled *How Airplanes Were Developed*

Go On ►

Directions Read and answer Numbers 55 through 58.

55 Marie is writing a speech to share her opinion that reading for pleasure is important. What should Marie include at the beginning of her speech?

- A** a short story about students reading together
- B** a detailed description of her favorite place to read
- C** an interesting fact about the benefits of reading

56 Students are working on a group project. What is the best way for the group leader to encourage group members as they are working?

- F** give people in the group compliments for tasks they do well
- G** stay quiet until someone in the group asks a question
- H** allow group members to decide on their own due dates

57 Look at this sign.



What is the purpose of the sign?

- A** to entertain people with a picture of a person fishing
- B** to communicate to people that fishing is not allowed in the area
- C** to inform people that there are no fish in the water

Go On ►

58 Ginger is reading a book about snowboarding. Read this list of chapters in the book.

Chapter 1 — A Short History of Snowboarding

Chapter 2 — The Greatest Snowboarders in the World

Chapter 3 — Super Snowboarding Gear

In which chapter would Ginger most likely learn about the invention of snowboarding?

F Chapter 1

G Chapter 2

H Chapter 3

Directions

Elizabeth wrote this rough draft of a report. It contains mistakes. Read the report and answer Numbers 59 through 66.

1 Cherokee leader Nancy Ward is a great hero in Tennessee history. Her work helped make peace between the Cherokee people and the American settlers.

2 One settler taught Ward how to make cheese and butter. Ward took what she learned from the settlers back to the Cherokee people. Respect between some settlers and the Cherokee slowly began to develop. Both groups listened to her.

3 Ward was born in 1738 in a village called Chota. Ward fought in a battle against another tribe when she was about seventeen. She was very brave during the fight. She was given the name Beloved Woman. Because of her actions Ward became a leader of the tribe.

4 Cherokee life changed during the 1750s. European settlers began moving into the area. The settlers and the Cherokee people started having problems. Ward was wanting to make peace between these two groups. Beginning to learn as much as she could about the settlers and their way of life.

5 During this time, the government of the United States did not give much power to women. The settlers accepted Ward as a Cherokee leader. In 1785, Ward had success with a special treaty. This agreement was very important to her. It was a peaceful way to help separate the land between the settlers and the Cherokee people.

6 Ward worked hard to create peace between the settlers and her Cherokee people. She spent her life trying to help others. Ward is still admired and celebrated today.

Go On ►

59 Paragraph 2 is not in the correct order. Where should Paragraph 2 be placed?

- A** after Paragraph 3
- B** after Paragraph 4
- C** after Paragraph 5

60 Read these sentences from Paragraph 3.

Ward fought in a battle against another tribe when she was about seventeen. She was very brave during the fight.

Choose the best way to combine these sentences.

- F** When she was about seventeen, Ward fought bravely in a battle against another tribe.
- G** Ward fought bravely against another tribe, and she was about seventeen when she was in the battle.
- H** When she fought in a battle against another tribe and was brave, Ward was about seventeen.

61 Read this sentence from Paragraph 3.

Because of her actions Ward became a leader of the tribe.

Choose the sentence that uses a comma correctly.

- A** Because of her actions Ward, became a leader of the tribe.
- B** Because of her actions Ward became a leader, of the tribe.
- C** Because of her actions, Ward became a leader of the tribe.

62 Read Paragraph 3.

Ward was born in 1738 in a village called Chota. Ward fought in a battle against another tribe when she was about seventeen. She was very brave during the fight. She was given the name Beloved Woman. Because of her actions Ward became a leader of the tribe.

Which sentence could best be added to fit the flow of ideas in Paragraph 3?

- F** Ward spent much of her life teaching settlers in Tennessee.
- G** The Cherokee people did not have enough leaders.
- H** It was unusual for someone as young as Ward to earn such an honor.

63 Read this sentence from Paragraph 4.

Beginning to learn as much as she could about the settlers and their way of life.

Choose the correct way to revise the incomplete sentence.

- A** Ward, who began learning as much as she could about the settlers and their way of life.
- B** So Ward beginning to learn as much as she could about the settlers and their way of life.
- C** Ward began learning as much as she could about the settlers and their way of life.

Go On ►

64 Read these sentences from Paragraph 5.

During this time, the government of the United States did not give much power to women. _____, the settlers accepted Ward as a Cherokee leader.

Which transitional word belongs in the space?

- F** Therefore
- G** Still
- H** Also

65 Read this topic sentence from Paragraph 6.

Ward worked hard to create peace between the settlers and her Cherokee people.

Which detail, if added to Paragraph 6, best supports the topic sentence?

- A** Ward's traditions were important to her Cherokee people.
- B** Ward's communication with the settlers continued until her death in 1822.
- C** Ward's friendship with the settlers set her apart from her tribe.

66 Elizabeth has decided to write her next report about Cherokee art. Which source will give her the most reliable information about the topic?

- F** a collection of photographs displaying Cherokee art
- G** an online magazine article about a Cherokee art collector
- H** a nonfiction book about the history of Cherokee art

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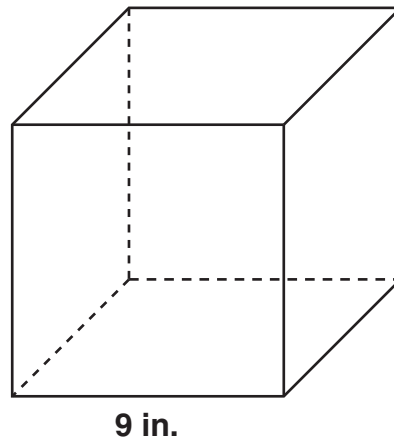
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Mathematics



Part 1

- 1** The edge length of this cube is shown in inches.



$$\text{Volume} = s \times s \times s$$

$s = \text{edge length}$

What is the volume of this cube?

- A** 729 in.³
- B** 216 in.³
- C** 54 in.³

Go On ►

- 2** Paola walked 96 steps on an exercise machine in 3 minutes. She walked the same number of steps each minute. What is the total number of steps Paola walked each minute?

F 30

G 32

H 36

- 3** Look at this inequality.

$$5 \cdot n < 30$$

Which set contains only values of n that make this inequality true?

A {1, 4, 5}

B {9, 13, 17}

C {25, 28, 29}

- 4** Mrs. Martin had 18 pieces of pineapple.

- She gave each of her 4 children an equal number of the pieces.
- Mrs. Martin got the leftover pieces.

How many pieces of pineapple did Mrs. Martin get?




F 16


G 4

H 2

- 5 This graph shows the number of each type of ticket sold at a water park on Saturday.

Water Park Tickets

Type	Number Sold
Child	
Adult	
Season Pass	

Key:  = 30 tickets

Which table of information is best represented by this graph?

Water Park Tickets

A

Type	Number Sold
Child	8
Adult	6
Season Pass	3

Water Park Tickets

B

Type	Number Sold
Child	240
Adult	180
Season Pass	90

Water Park Tickets

C

Type	Number Sold
Child	38
Adult	36
Season Pass	33

Go On ►

6 Solve for n :

$$n - \frac{1}{6} = 3\frac{5}{6}$$

F 4

G $3\frac{2}{3}$

H $3\frac{1}{6}$

7 The width of a human hair is shown in this box.

twenty-five millionths meter

How is this width written in standard form?

A 2,500,000 meter

B 0.00025 meter

C 0.000025 meter

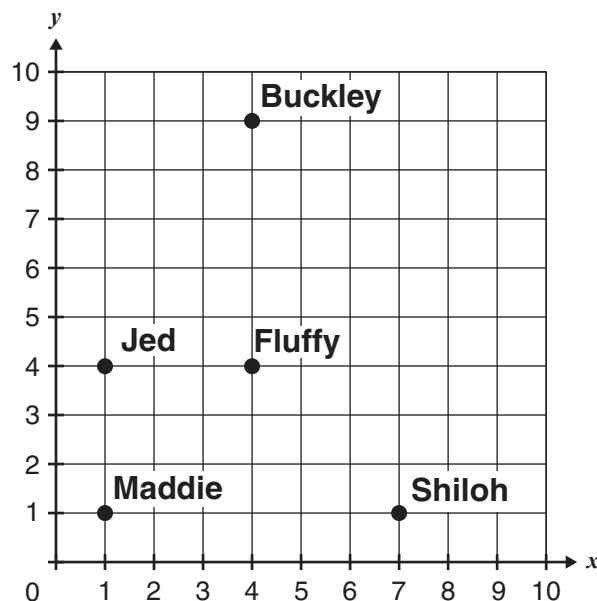
- 8** Look at this expression.

$$10 \times \left(\frac{5}{10} - \frac{1}{2} \right) + 6$$

What is the value of this expression?

- F** 6
- G** 7
- H** 16

- 9** This coordinate grid shows the locations of five dogs at a dog park.



Which two dogs appear to be 6 units apart?

- A** Jed and Fluffy
- B** Maddie and Shiloh
- C** Fluffy and Buckley

Go On ►

10 This list shows the weights of two suitcases.

- 34.2 pounds
- $24\frac{1}{10}$ pounds

What is the total weight of these suitcases?

F $58\frac{3}{5}$ pounds

G $58\frac{3}{10}$ pounds

H $58\frac{3}{11}$ pounds

11 There are 106 children going on a field trip. The children will be put into groups of 6 or fewer students. What is the fewest number of groups needed for this field trip?

A 18

B 17

C 14

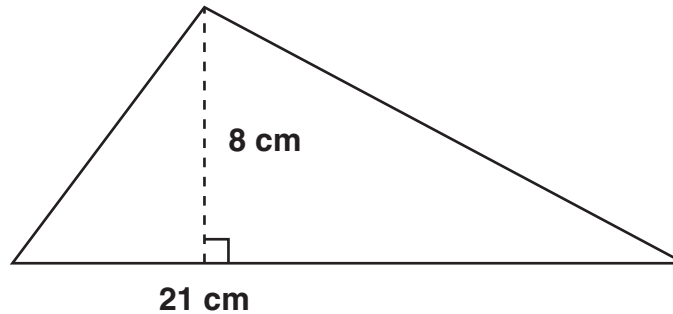
- 12** This data set shows the number of cartoons on each of four DVDs.

12, 7, 5, 8

What is the range of this data set?

- F** 4
- G** 7
- H** 8

- 13** This model shows the dimensions, in centimeters, of a piece of glass.



$$\text{Area} = \frac{1}{2} \times \text{base} \times \text{height}$$

What is the area of this piece of glass?

- A** 168 cm²
- B** 84 cm²
- C** 29 cm²

Go On ►

- 14** Look at this expression.

$$18\frac{2}{3} - 15\frac{1}{10}$$

Which estimate is closest to the value of this expression?

- F** 4
- G** 5
- H** 10

- 15** Which number is equivalent to 23.017?

- A** $23\frac{17}{10}$
- B** $23\frac{17}{100}$
- C** $23\frac{17}{1,000}$

- 16** Ben woke up at 7:00 A.M.

- He started math class at 8:30 A.M.
- He arrived home at 4:30 P.M.

What other information is needed to determine the amount of time it took Ben to get home from school?

- F** the time at which Ben left home to go to school
- G** the time at which Ben left school to go home
- H** the time at which Ben arrived at school

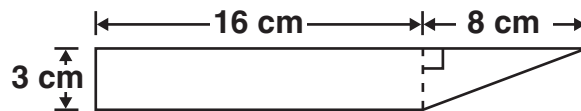
- 17** Look at this expression.

$$9 \div 3 \times 4 - \frac{3}{10}$$

What is the value of this expression?

- A** $12\frac{3}{10}$
B $11\frac{7}{10}$
C $11\frac{1}{10}$

- 18** Theo drew this figure using a rectangle and a triangle.



Area of rectangle = length \times width

Area of triangle = $\frac{1}{2} \times$ base \times height

What is the area of the figure?

- F** 60 sq cm
G 48 sq cm
H 12 sq cm

Go On ►

- 19** Look at this incomplete number sentence.

$$12\frac{1}{2} > \boxed{}$$

Which number can be put into the box to make the number sentence true?

- A** 12.75
- B** 12.50
- C** 12.25

- 20** This triangular sign has a height of 14 inches and a base length of 18 inches.



$$\text{Area} = \frac{1}{2} \times \text{base} \times \text{height}$$

What is the area of this sign?

- F** 126 square inches
- G** 252 square inches
- H** 504 square inches

21 Mrs. Henderson took all her children to a festival.

- She has 4 children.
- She purchased a total of 53 tickets for games.
- She gave an equal number of tickets to each child.
- She gave the greatest number of tickets possible to each child.

Based on this information, which statement is true?

- A** Mrs. Henderson gave 10 tickets to each child and had 3 tickets left over.
- B** Mrs. Henderson gave 13 tickets to each child and had 1 ticket left over.
- C** Mrs. Henderson gave 14 tickets to each child and had 0 tickets left over.

22 Solve for y :

$$y - 9\frac{1}{7} = 10$$

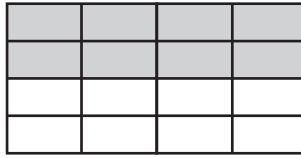
F $19\frac{1}{7}$

G $9\frac{6}{7}$

H $\frac{6}{7}$

Go On ►

- 23** This model is shaded to represent a fraction.



Which fraction is represented by this model?

- A** $\frac{8}{8}$
- B** $\frac{1}{2}$
- C** $\frac{1}{4}$

- 24** Denise had a package of 50 balloons. These balloons were shared by 6 people.

- Each person received 8 balloons.
- There were 2 balloons left over.

In order for Denise to share another balloon with each person, Denise needs exactly

- F** 2 more balloons.
- G** 4 more balloons.
- H** 6 more balloons.

- 25** Look at this expression.

$$(90.5 - r) + (5 \times 20) + r$$

What is the value of this expression when $r = 8$?

- A** 222.5
- B** 206.5
- C** 190.5

- 26** Part of a rectangle is painted two different colors.

- $\frac{1}{2}$ of the rectangle is painted blue.
- $\frac{1}{6}$ of the rectangle is painted yellow.

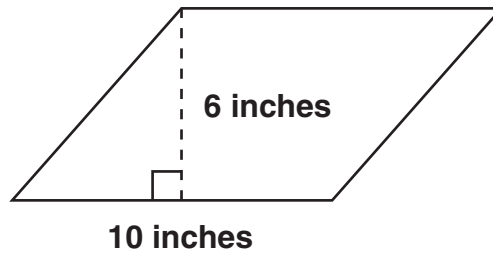
What fraction of the rectangle is painted these two colors?

- F** $\frac{2}{3}$
- G** $\frac{1}{4}$
- H** $\frac{1}{12}$

STOP 

Part 2

- 27** The top of a box is shaped like a parallelogram. The base and height of this top are shown.



$$\text{Area} = \text{base} \times \text{height}$$

What is the area of the top of the box?

- A** 16 square inches
- B** 30 square inches
- C** 60 square inches

- 28** Look at this set of numbers.

$$\{78, 80, 82\}$$

Which inequality is true when x is replaced by each number in this set?

- F** $x < 90$
- G** $x < 81$
- H** $x < 77$

29 A business has 610,000 customers. What is 610,000 written in words?

- A** six thousand, one hundred
- B** six hundred ten thousand
- C** six hundred ten million

30 This table shows the amount of time Braden spent reading each day for three days.

Reading Time

Day	Amount of Time (hours)
Monday	$1\frac{3}{4}$
Tuesday	$2\frac{1}{6}$
Wednesday	$1\frac{9}{10}$

Which estimate is closest to the total number of hours Braden spent reading on these days?

- F** 7 hours
- G** 6 hours
- H** 4 hours

Go On ►

31 Which statement is true?

A $140.02 < 140.2$

B $140.02 = 140.2$

C $140.02 > 140.2$

32 This table shows the populations of five Tennessee cities during a year.

Populations

City	Population
Jackson	62,711
Clarksville	113,175
Bristol	25,351
Memphis	670,902
Franklin	55,870

What is the median of these populations?

F 62,711

G 55,870

H 25,351

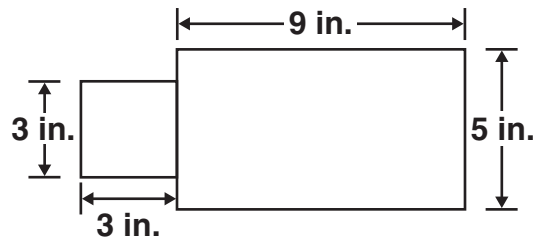
- 33** Look at this expression.

$$25(k + 10.3) - k$$

What is the value of this expression when $k = 3.7$?

- A** 350.0
- B** 346.3
- C** 257.5

- 34** A square and a rectangle are used to make a design. The dimensions of this design are shown in inches.



$$\text{Area} = \text{length} \times \text{width}$$

What is the total area of this design?

- F** 20 square inches
- G** 51 square inches
- H** 54 square inches

Go On ►

35 Solve:

$$\frac{19}{5} - \frac{3}{10} =$$

A $1\frac{3}{5}$

B $3\frac{1}{5}$

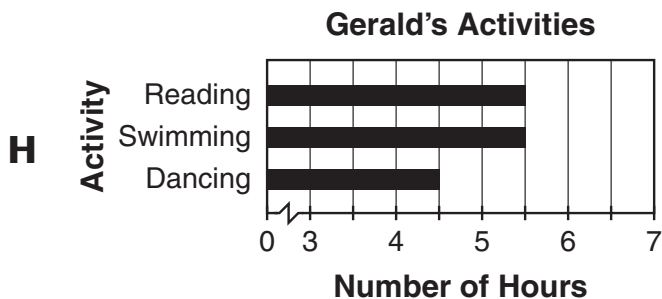
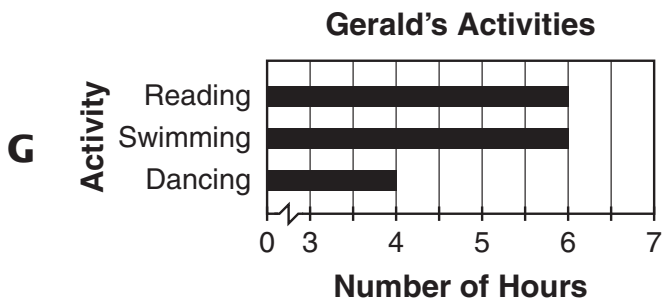
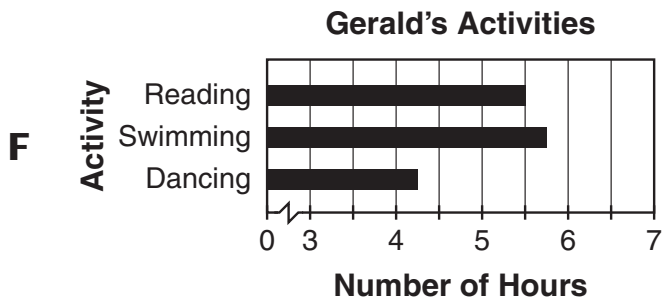
C $3\frac{1}{2}$

- 36** This table shows the numbers of hours Gerald spent on different activities during one week.

Gerald's Activities

Activity	Number of Hours
Reading	$5\frac{1}{2}$
Swimming	$5\frac{3}{4}$
Dancing	$4\frac{1}{4}$

Which graph best represents the data in the table?



Go On ►

37 Look at this expression.

$$36 \div 2 \cdot 3 - \frac{1}{10}$$

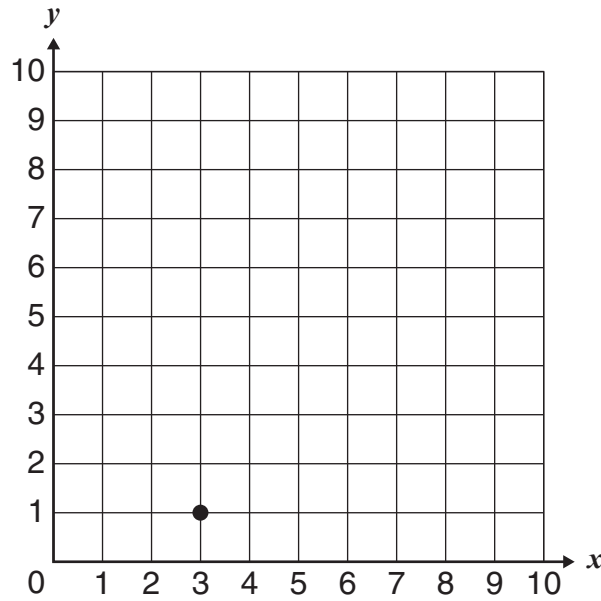
What is the value of this expression?

A $5\frac{9}{10}$

B $30\frac{1}{5}$

C $53\frac{9}{10}$

- 38** One endpoint of a line segment is shown on this grid.



Starting from this endpoint, Frank will draw a line segment that is 4 units long. Which list of coordinate pairs could represent the locations of the endpoints of this line segment?

- F** (3, 1), (3, 5)
- G** (3, 1), (4, 1)
- H** (3, 1), (3, 4)

Go On ►

- 39** This box shows the number of people who viewed a web page.

346,920

How is this number written in words?

- A** three hundred forty-six thousand, nine hundred twenty
- B** three hundred forty-six thousand, ninety-two
- C** thirty-four thousand, six hundred ninety-two

- 40** This list shows clues to help determine if a rectangular prism is also a cube.

- The width of the prism is 2 inches.
- The height of the prism is 2 inches.
- The prism has 6 faces and 8 vertices.
- The prism has a volume of 8 cubic inches.

Which clue is not needed to determine if the rectangular prism is also a cube?

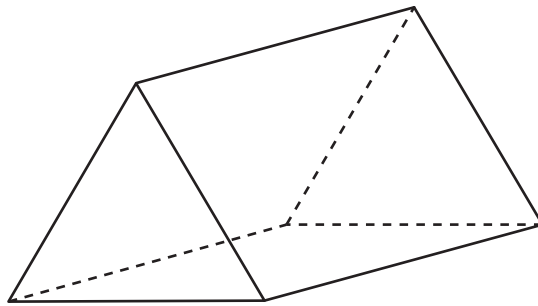
- F** The width of the prism is 2 inches.
- G** The prism has 6 faces and 8 vertices.
- H** The prism has a volume of 8 cubic inches.

41 Solve:

$$10.6 - 8\frac{1}{5} =$$

- A** 2.5
- B** 2.45
- C** 2.4

42 Look at this triangular prism.



- Each triangular face has an area of 28.29 square centimeters.
- Each rectangular face has an area of 72 square centimeters.

What is the total surface area of this figure?

- F** 272.58 square centimeters
- G** 244.29 square centimeters
- H** 228.87 square centimeters

Go On ►

43 Catherine had a total of 37 cups of granola.

- She made batches of granola bars.
- She put exactly 10 cups of granola in each batch.
- She made the greatest number of batches possible.

Which fraction describes the part of a batch that Catherine has left?

A $\frac{30}{37}$

B $\frac{7}{10}$

C $\frac{7}{37}$

44 Look at the number in this box.

3.4

Which number is equivalent to the number in the box?

F $\frac{34}{1}$

G 3.40

H 3.04

45 Solve for k :

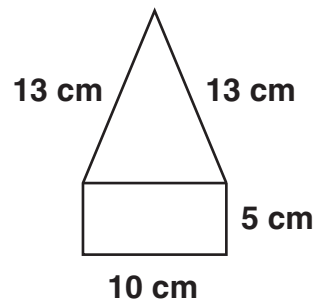
$$\frac{9}{8} + \frac{1}{4} = k$$

A $\frac{5}{6}$

B $1\frac{1}{4}$

C $1\frac{3}{8}$

46 Rebecca drew a design with one triangle and one rectangle as shown.



Perimeter = distance around a figure

What is the perimeter of Rebecca's design?

F 66 cm

G 46 cm

H 41 cm

Go On ►

47 An artist made clay models of insects.

- She placed 6 legs on each insect she made.
- Altogether, she used a total of 78 legs.

What is the total number of insects the artist made?

- A** 13
- B** 18
- C** 72

48 Which statement is true?

- F** $1,580 > 158.0$
- G** $1,580 > 15,800$
- H** $158.00 > 1,580$

49 Some visitors are waiting to be put into groups at a museum.

- There are 117 visitors.
- Each group can have 14 visitors at most.

What is the fewest number of groups that can be made with these visitors?

- A** 8
- B** 9
- C** 12

- 50** Look at the number in this box.

1.95

Which number is equivalent to the number in the box?

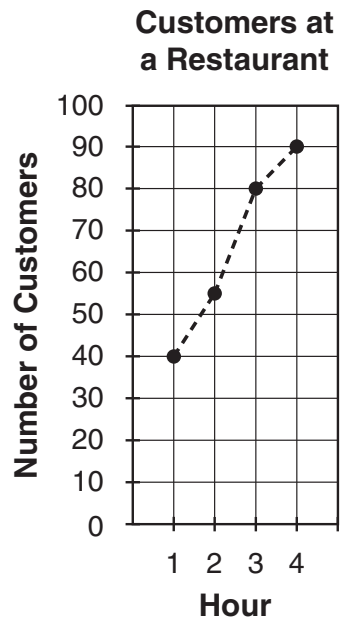
F $1\frac{9}{5}$

G $1\frac{19}{20}$

H $1\frac{1}{5}$

Go On ►

- 51** This graph shows the number of customers at a restaurant at the end of each hour for four hours.



Which table is best represented by this graph?

Customers at a Restaurant

A

Hour	Number of Customers
1	40
2	60
3	80
4	90

Customers at a Restaurant

C

Hour	Number of Customers
1	40
2	55
3	80
4	90

Customers at a Restaurant

B

Hour	Number of Customers
1	49
2	51
3	98
4	99

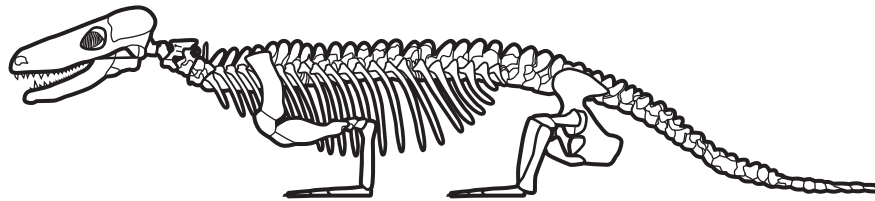
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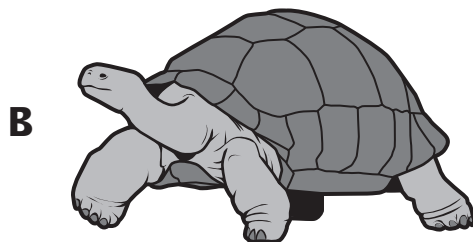
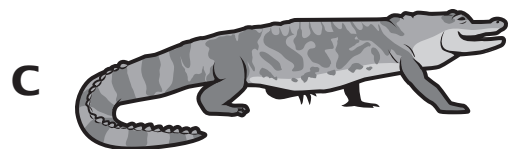
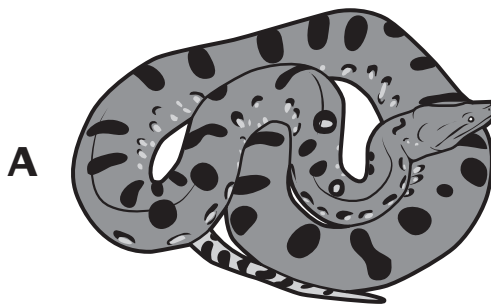
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- 1** The picture shows a fossilized skeleton of an extinct animal.



The extinct animal is related to animals that are still alive today.
Which picture shows the closest relative of the extinct animal?



Go On ►

2 A student flipped a coin in the air. What force makes the coin fall toward the ground?

F gravity

G air pressure

H friction

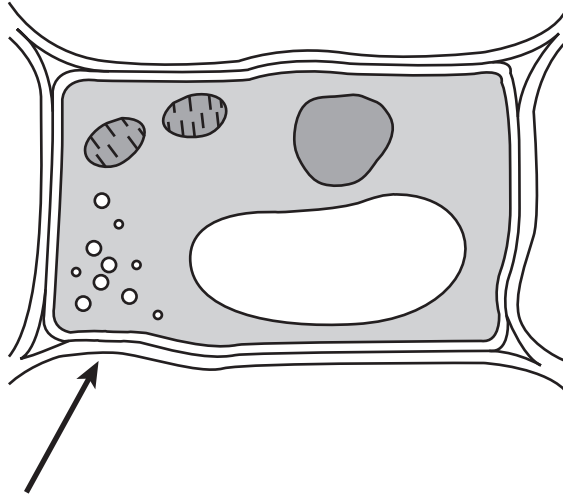
3 What process do plants use to make food?

A metamorphosis

B photosynthesis

C reproduction

- 4** The picture shows a plant cell.

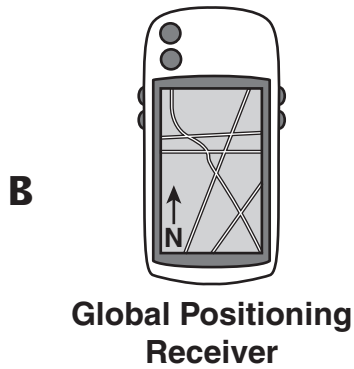
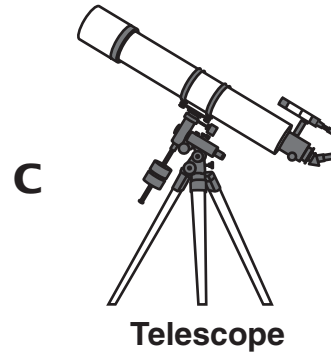
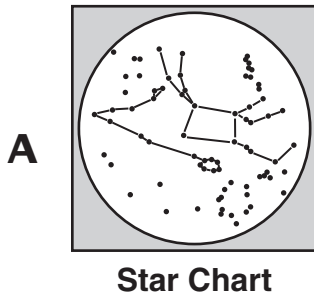


The arrow is pointing to the

- F** cell wall.
- G** cytoplasm.
- H** chloroplast.

Go On ►

5 Which tool will best help a student identify a constellation?



6 Which trait can a boy not inherit from his parents?

F how tall he is

G color of his eyes

H style of his haircut

- 7** The table lists the months that leaves begin changing colors in the Great Smoky Mountains.

Trees in Great Smoky Mountains

Altitude (feet)	Month That Leaves Change Color
4,500 – 6,000	September
3,000 – 4,499	October
below 3,000	November

Why do leaves at higher altitudes change colors sooner than leaves at lower altitudes?

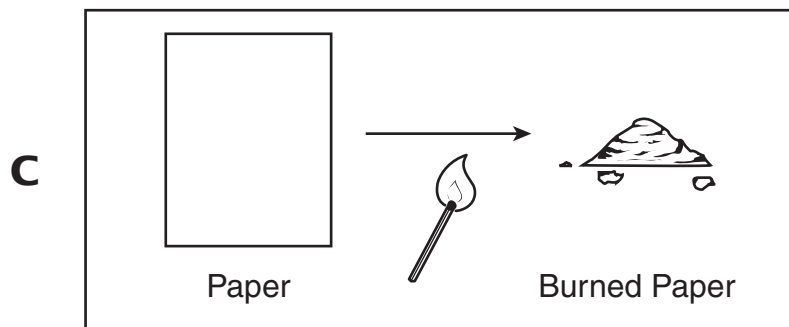
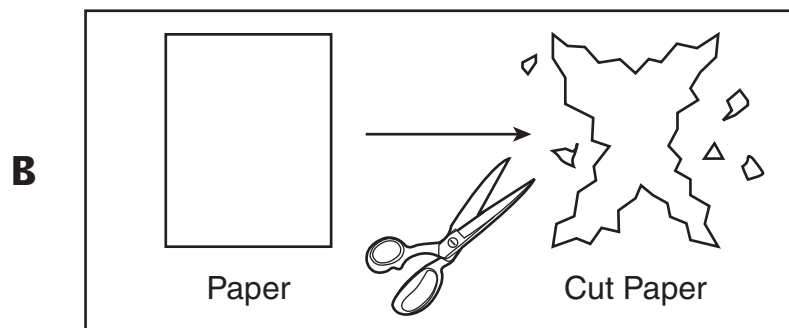
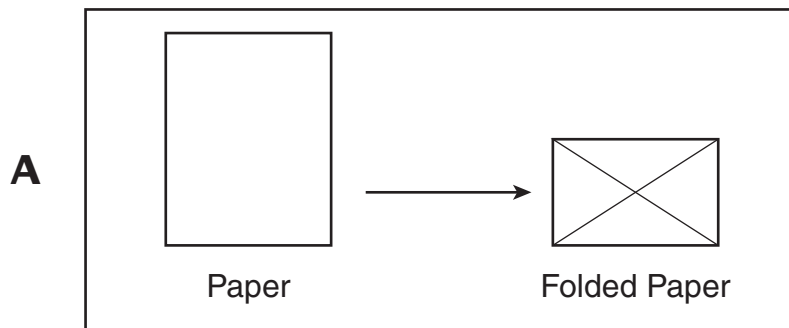
- A** Temperatures are colder at higher altitudes.
- B** It is less windy at higher altitudes.
- C** The air is thicker at higher altitudes.

- 8** Which sentence describes how plants or animals get energy?

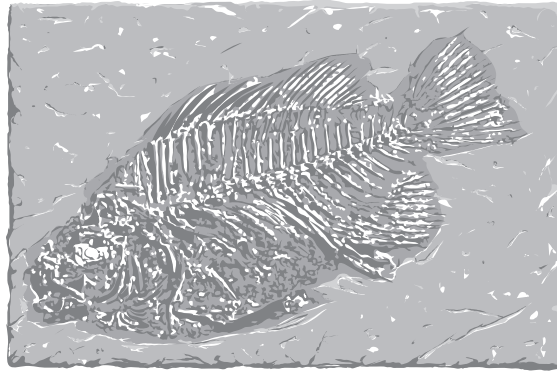
- F** Plants get energy from animals.
- G** Plants get energy from sunlight.
- H** Animals get energy from sunlight.

Go On ►

- 9** Which picture shows a piece of paper that has gone through a chemical change?



- 10** The picture shows a fossil of an animal.



Which information can a scientist learn by studying this fossil?

- F** the number of years the animal was alive
- G** the environment where the animal lived
- H** the type of predators that hunted the animal

Go On ►

11 The picture shows water boiling in a pan.



What process transfers most of the heat from the bottom of the water to the surface of the water?

- A** conduction
- B** convection
- C** radiation

- 12** Students dropped three plastic rectangles from the same height. Each rectangle was a different size and color.

**Rectangle
Dropping Times**

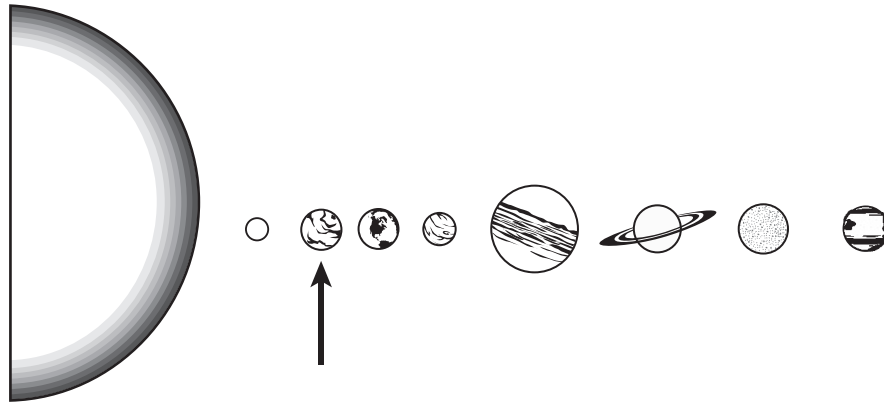
Color	Time (seconds)
Red	1.5
Blue	1.3
Green	1.1

Which colored rectangle was most likely the largest?

- F** Red
- G** Blue
- H** Green

Go On ►

- 13** The picture shows the solar system.



To which planet is the arrow pointing?

- A** Mars
 - B** Venus
 - C** Earth
- 14** Which tool best helps scientists learn new information about planets in the solar system?
- F** star chart
 - G** weather satellite
 - H** reflecting telescope

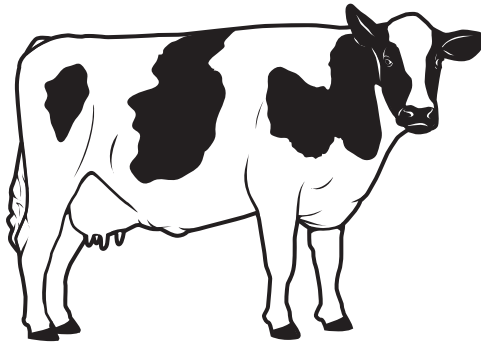
15 Which structures are found in both animal and plant cells?

- A** cell membrane and cell wall
- B** chloroplast and nucleus
- C** nucleus and vacuole

16 Which of these caused the Appalachian Mountains to form?

- F** waves hitting the coast
- G** tectonic plates moving
- H** strong winds blowing

17 The picture shows a cow.



The cow has black spots because it

- A** is able to give milk.
- B** eats grass from a field.
- C** received the trait from its parents.

Go On ►

- 18** A student pushed three blocks across the same surface. The student applied the same amount of force when pushing each block. The table shows the masses of the blocks.

Block Masses

Block	Mass (kilograms)
1	1.0
2	2.0
3	1.5

Which block traveled the longest distance?

- F** 1
- G** 2
- H** 3

- 19** A spider builds a web on a plant. The spider benefits by having a place to trap insects. The plant is not harmed. Which type of relationship do the spider and the plant have?

- A** mutualistic
- B** commensalistic
- C** parasitic

- 20** The table shows how much time each planet takes to orbit the sun.

Planet Orbit Data

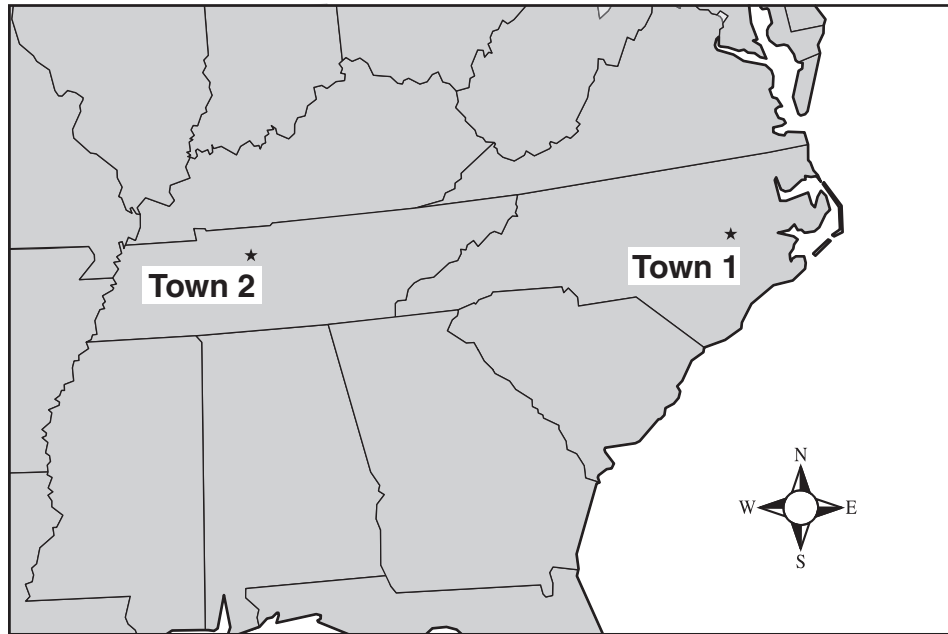
Planet	Time to Orbit Sun (days)
Mercury	88
Venus	225
Earth	365
Mars	687
Jupiter	4,331
Saturn	10,747
Uranus	30,589
Neptune	59,800

Which conclusion can be made based on this table?

- F** Mercury takes a longer time to orbit the sun than Mars.
- G** Neptune takes a longer time to orbit the sun than Uranus.
- H** Venus takes a longer time to orbit the sun than Earth.

Go On ►

- 21** The map shows the locations of two different towns. Town 1 is warmer in the winter and cooler in the summer than Town 2.



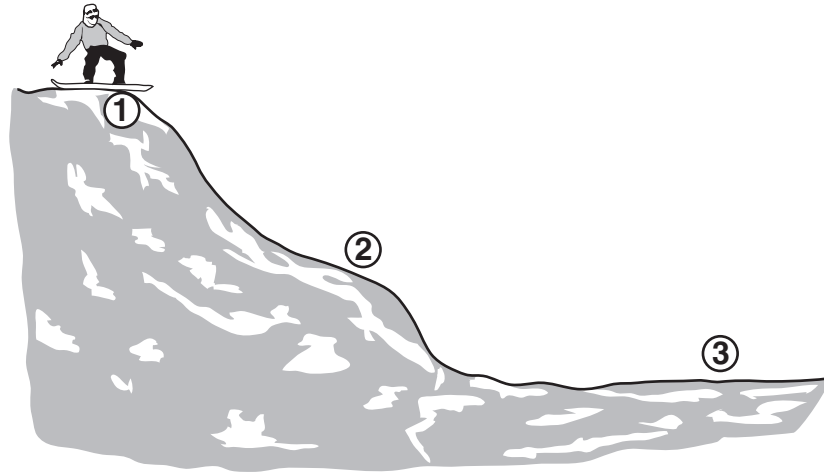
Which sentence best explains the differences in temperatures between the towns?

- A** Town 1 has more people in it than Town 2.
- B** Town 1 receives more rain than Town 2.
- C** Town 1 is closer to the ocean than Town 2.

- 22** Which of these is an example of a chemical change?

- F** rust forming on a nail
- G** wood floating on water
- H** glass breaking into pieces

- 23** The picture shows a person on a snowboard.

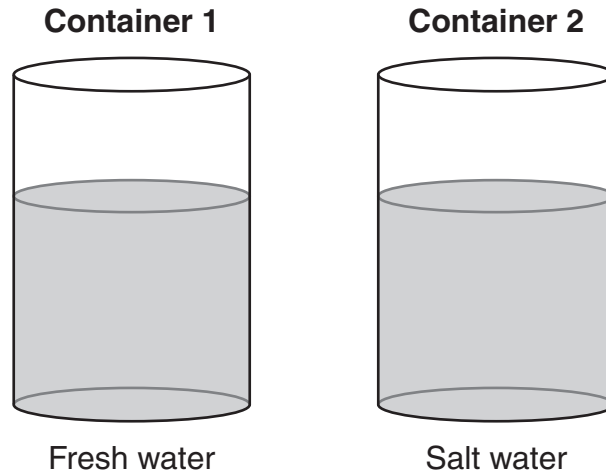


At which point does the person have the greatest potential energy?

- A** 1
- B** 2
- C** 3

Go On ►

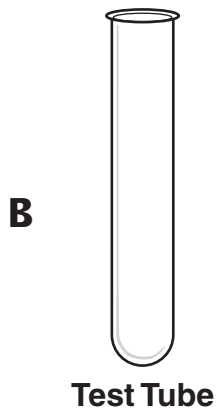
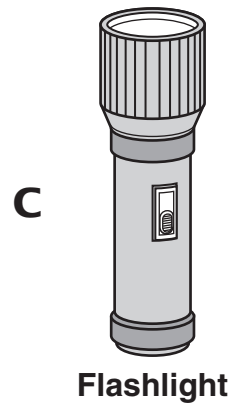
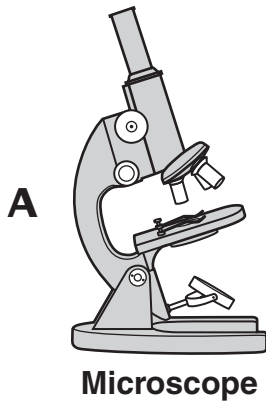
- 24** A student has two containers of water. The student adds salt to Container 2. The water in both containers is the same temperature. The student places both containers in a freezer at the same time.



Why will the water in Container 1 freeze before the water in Container 2?

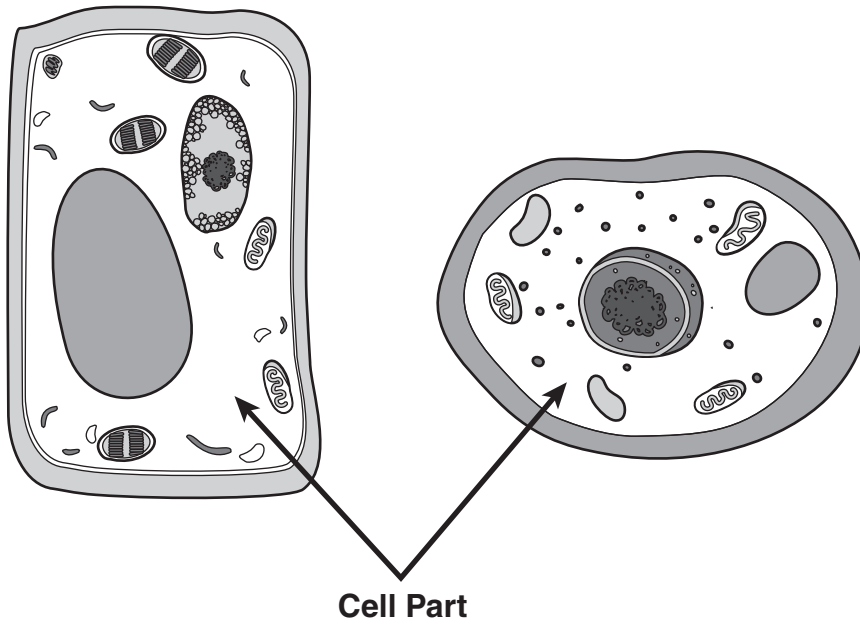
- F** because salt adds heat to water
- G** because salt removes heat from water
- H** because salt lowers the freezing point of water

25 Which tool will a scientist use to observe bacteria?



Go On ►

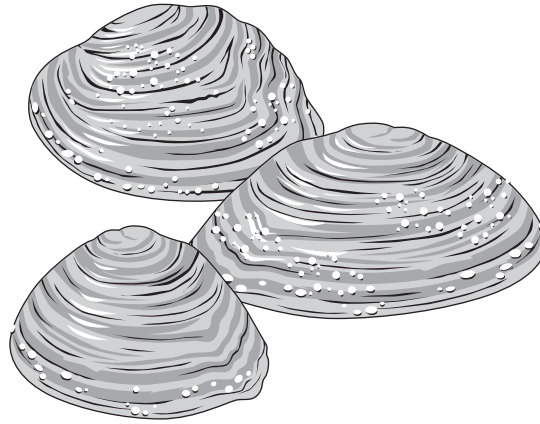
26 The diagram shows a plant cell and an animal cell.



The arrows point to the same part in both cells. What is this cell part?

- F** chloroplast
- G** vacuole
- H** cytoplasm

- 27** The picture shows a type of clam. A clam is an animal that lives in water.



Which of these is an inherited trait of a clam?

- A** the shape of the clam's shell
- B** the area where the clam lives
- C** the amount of food the clam eats

Go On ►

- 28** The picture shows a fossil of an organism that lived long ago.



Based on the fossil, which is the best conclusion that can be made about the organism?

- F** The organism ate animals.
- G** The organism could swim.
- H** The organism was colorful.

- 29** A student rolls three balls along the same flat surface. Each ball has a different mass. The student uses the same amount of force to roll each ball.

Ball Masses

Ball	Mass (grams)
1	45
2	60
3	50

Which ball travels the shortest distance?

- A** 1
- B** 2
- C** 3

Go On ►

- 30** Dung beetles feed on the waste left by other animals. The picture shows a dung beetle.

Dung Beetle



A dung beetle returns nutrients from the waste back to the soil.
Which term best describes a dung beetle?

- F** decomposer
 - G** carnivore
 - H** herbivore
- 31** A type of rabbit has fur that changes from brown in the summer to white in the winter. The white fur helps this type of rabbit blend in with the snow. In which environment is this type of rabbit most likely found?
- A** rain forest
 - B** wetland
 - C** Arctic tundra

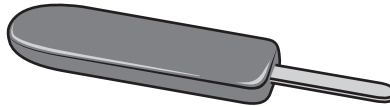
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Part 2

- 32** A child left an ice cream treat on a table on a summer afternoon. The pictures show the ice cream treat when the child first opened the wrapper and then again 15 minutes later.

Ice Cream Treat from Wrapper



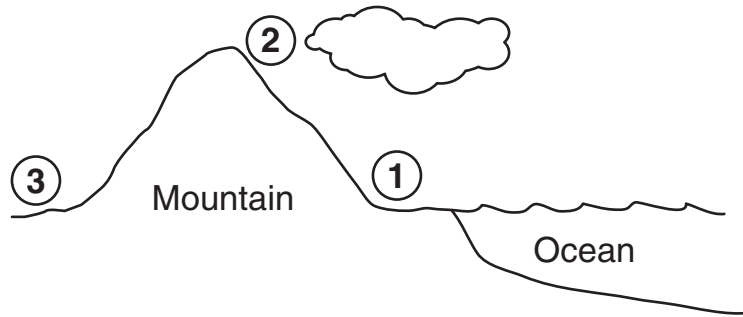
Ice Cream Treat 15 Minutes Later



Which sentence best explains the change to the ice cream treat?

- F** Energy was removed from the ice cream treat, causing it to evaporate.
- G** Energy was added to the ice cream treat, causing it to freeze.
- H** Energy was added to the ice cream treat, causing it to melt.

- 33** The picture shows a mountain near an ocean.



Which area likely gets the least precipitation?

- A** 1
- B** 2
- C** 3

- 34** Which of these describes only a physical change?

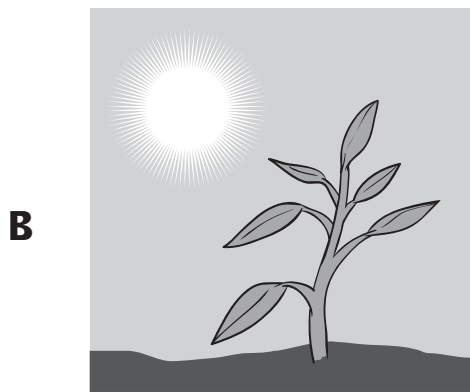
- F** Baking soda makes bubbles when it is mixed with vinegar.
- G** A large cookie is broken into smaller pieces.
- H** Two liquids react with each other and form a solid.

Go On ►

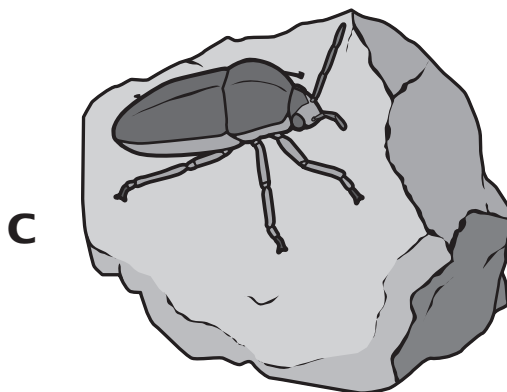
35 Which organism is correctly matched with its source of energy?



A bird standing on a branch



A plant growing in sunlight



A beetle crawling on a rock

- 36** The table lists some facts about the inner planets.

Inner Planet Facts

Planet	Distance from Sun (kilometers)	Rotation Time (one day on the planet)	Orbit Time (one year on the planet)
Mercury	57 million	58 days	88 days
Venus	108 million	243 days	225 days
Earth	150 million	24 hours	365 days
Mars	228 million	25 hours	687 days

Which planet has a day length that is most similar to the day length of Earth?

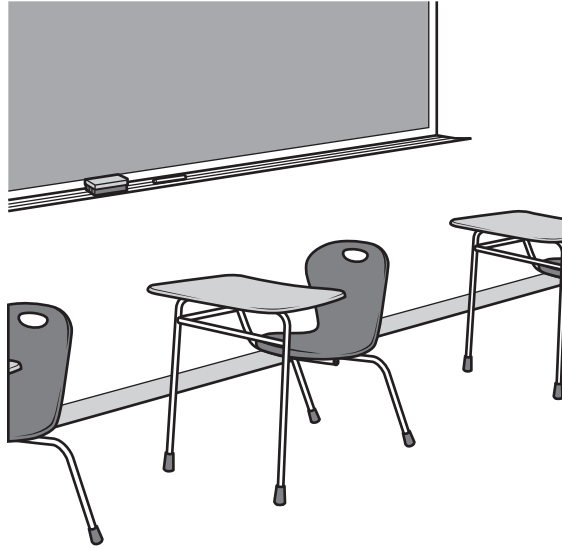
- F** Venus
- G** Mercury
- H** Mars

- 37** Which sentence explains how humans obtain genetic traits?

- A** Humans obtain genetic traits from where they live.
- B** Humans obtain genetic traits from their parents.
- C** Humans obtain genetic traits from the food that they eat.

Go On ►

- 38** The picture shows a student's desk.



What force keeps the desk on the ground?

- F** magnets pulling on the desk
- G** air pushing on the desk
- H** gravity pulling on the desk

- 39** Hookworms are parasites of dogs. Which sentence best describes the relationship between a hookworm and a dog?

- A** Hookworms hurt dogs.
- B** Hookworms help dogs.
- C** Hookworms neither hurt nor help dogs.

- 40** A student had three objects that were identical in shape. The student pushed each object across the same surface. The table shows data from this activity.

Object Data

Object	Mass (grams)	Force (newtons)
1	50	1
2	100	1
3	25	2

Which object traveled the farthest?

- F** 1
- G** 2
- H** 3

- 41** What force keeps the moon in orbit around Earth?

- A** friction
- B** magnetism
- C** gravity




Go On ►

- 42** A student sets up an experiment on evaporation. The student wants to know whether different-shaped containers affect how fast water can evaporate from them.




Setup
1. Fill different containers with the same amount of water
2. Let water evaporate from the containers
3. Check to see which container is completely empty first

Which table best shows data for this experiment?




F

Container	Starting Amount (milliliters)
Plate 	20
Bowl 	20
Mug 	20

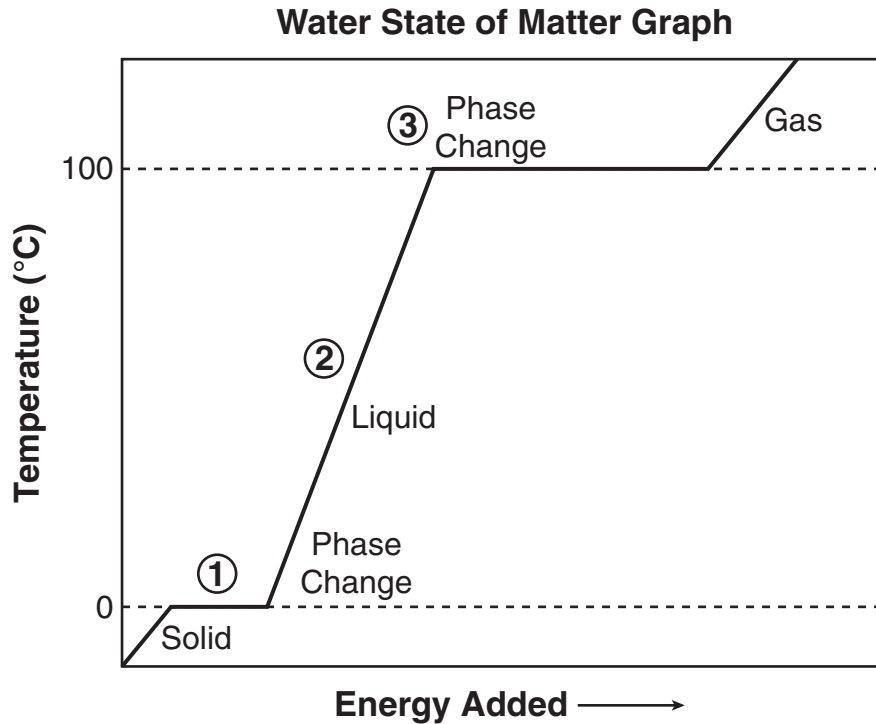
G

Container	Starting Amount (milliliters)
Bowl 	20
Bowl 	20
Bowl 	20

H

Container	Starting Amount (milliliters)
Bowl 	20
Bowl 	100
Bowl 	50

- 43** The graph shows how adding energy to water affects its state of matter.



What point on the graph represents melting?

- A** 1
- B** 2
- C** 3

- 44** A student wants to get a closer look at a constellation. Which tool should the student use?

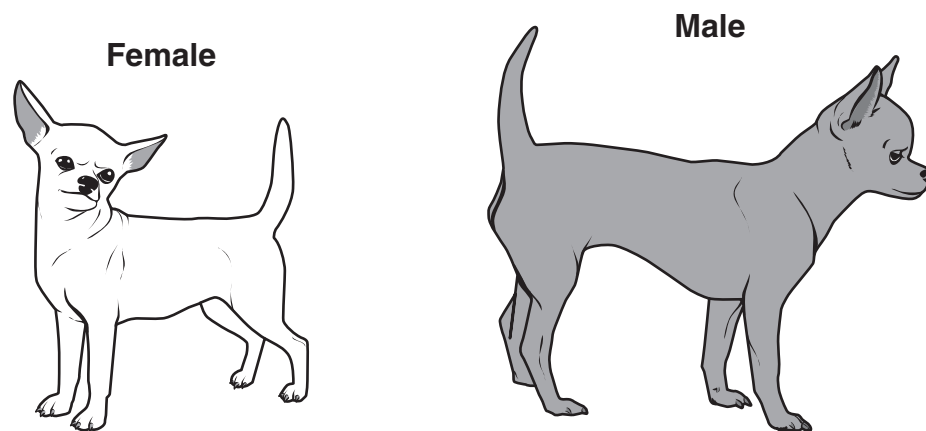
- F** microscope
- G** telescope
- H** compass

Go On ►

45 A thick, jelly-like material can be found inside both plant and animal cells. What is this jelly-like material?

- A** cytoplasm
- B** chloroplast
- C** vacuole

46 The picture shows two dogs. These dogs produced puppies together.



Which of these is a trait they most likely passed to their puppies?

- F** begging for food
- G** wearing a collar
- H** having pointed ears

- 47** The picture shows a blue heron. The blue heron has a long, sharp beak and lives near water.



© Steve Shepard/Stockphoto #16945797

How does the blue heron most likely get the food it needs to survive?

- A** by using its beak to drink nectar from flowers
- B** by using its beak as a spear to hunt fish
- C** by using its beak to crack open seeds

Go On ►

- 48** The table lists data about three planets in the solar system.

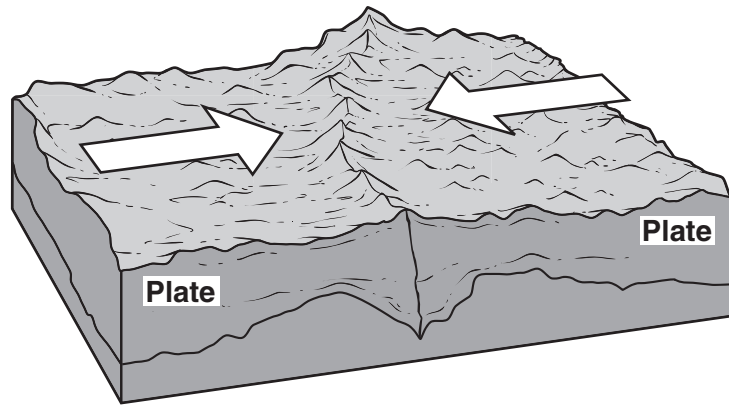
Planet Data

Planet	Rotation Time (one day)	Orbit Time (one year)
Venus	243 Earth days	225 Earth days
Earth	24 hours	365 Earth days
Mars	25 hours	687 Earth days

Which planet has the shortest year?

- F** Venus
- G** Earth
- H** Mars

- 49** The picture shows two tectonic plates pushing into each other.



Which features are most likely formed when the tectonic plates push into each other?

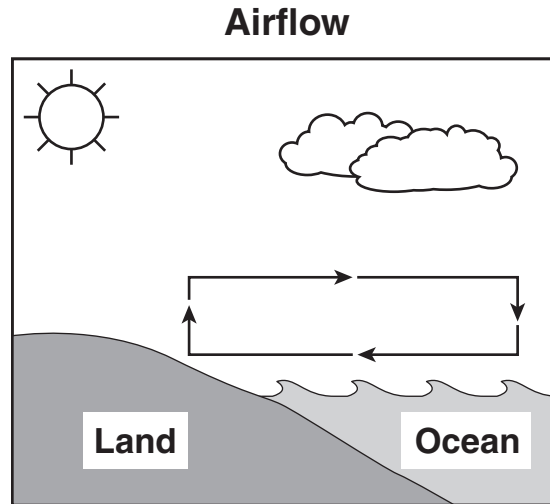
- A** deserts
- B** glaciers
- C** mountains

- 50** Snowflakes are pulled toward the ground because of

- F** magnetism.
- G** gravity.
- H** electricity.

Go On ►

- 51** The diagram shows airflow over the ocean during the day.



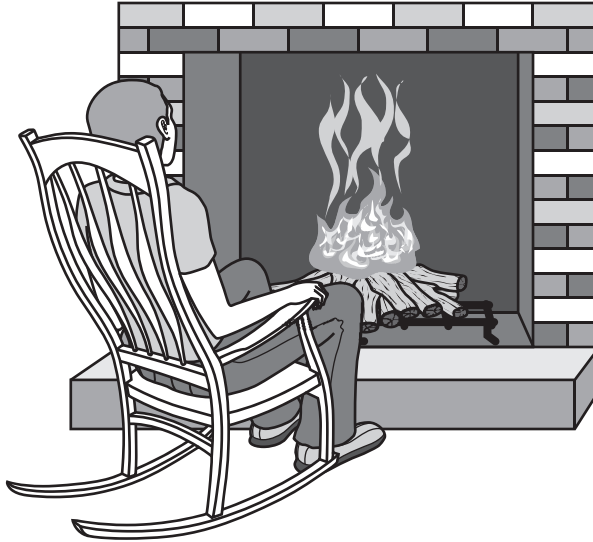
Which of these best explains why the air flows in this pattern?

- A** The land is warmer than the ocean.
- B** Clouds block cool air from reaching the land.
- C** Waves push the air toward the land.

- 52** Which adaptation would best help an animal survive in a very cold environment?

- F** slimy skin that has a pattern of spots
- G** skin that is covered by scales
- H** a thick layer of fat under the skin

53 A man sits in front of a fireplace.



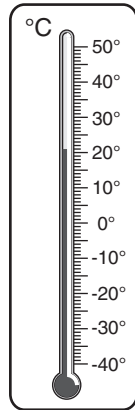
What is the main process that allows the man to feel the heat from the fire?

- A** conduction
- B** radiation
- C** convection

Go On ►

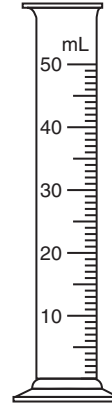
- 54** A student wants to find out whether it takes longer for fresh water or salt water to freeze. Which tool should the student use to measure the length of time it takes each water sample to freeze?

F



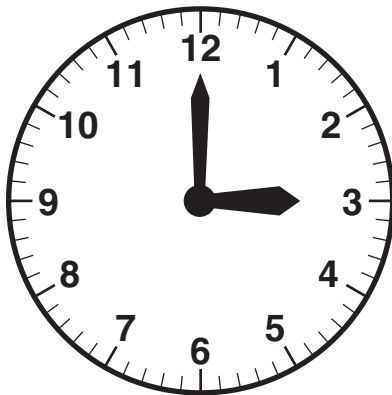
Thermometer

H



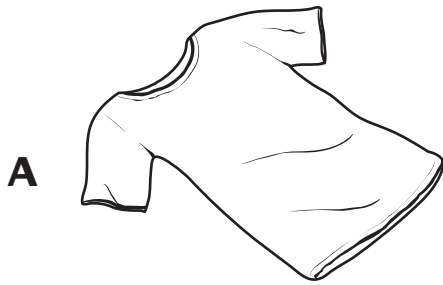
Graduated Cylinder

G

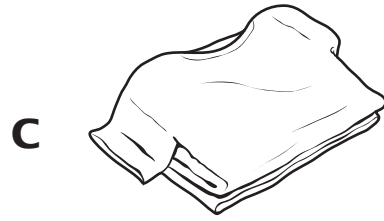


Clock

- 55** A student wants his wet shirt to dry quickly. How should the student place his shirt so it will dry in the shortest amount of time?



Lying flat



Folded a few times



Rolled up in a ball

- 56** Which structure is found in plant cells but not in animal cells?

- F** chloroplast
- G** cytoplasm
- H** nucleus

Go On ►

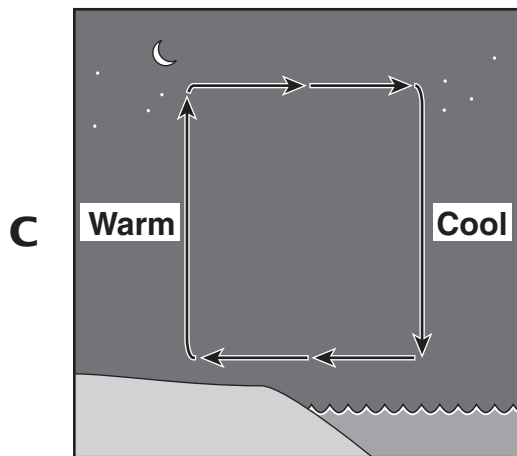
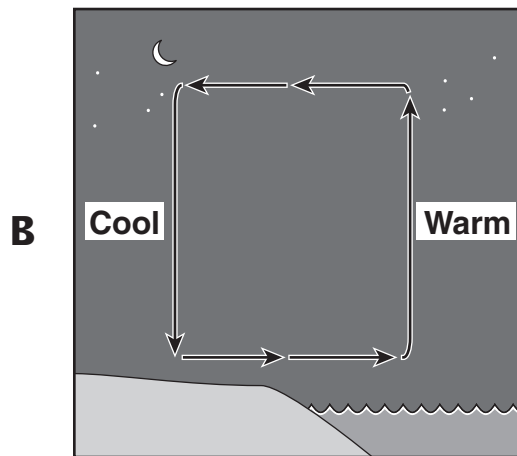
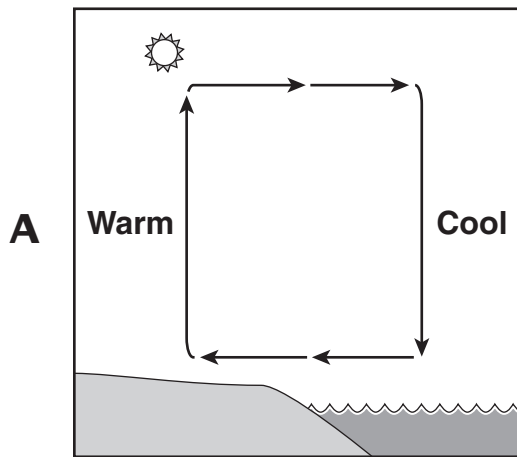
57 Which of these will a girl most likely get from her environment, not her parents?

- A** long legs
- B** small ears
- C** short hair

58 An insect lives on the body of a chipmunk. The insect harms the chipmunk. Which of these best describes the insect's relationship to the chipmunk?

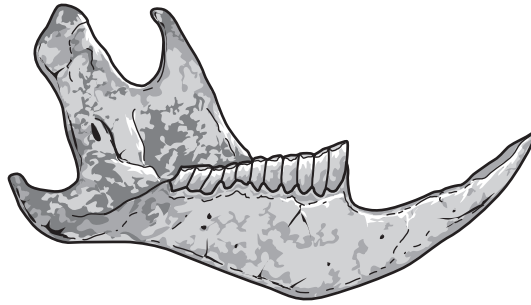
- F** The insect is a parasite of the chipmunk.
- G** The insect is the host to the chipmunk.
- H** The insect is prey of the chipmunk.

59 Which diagram shows how air moves during a land breeze?



Go On ►

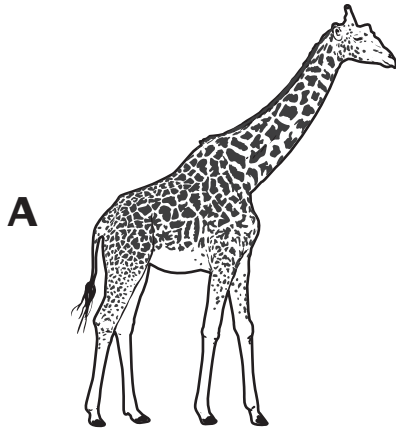
- 60** A scientist discovers the fossilized jawbone of an animal. The animal had flat teeth.



Which of these is the most likely conclusion the scientist can make about the animal from this fossil?

- F** The animal ate plants.
- G** The animal lived near water.
- H** The animal walked on four legs.

61 Which animal is best adapted for eating leaves from tall trees?



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Social Studies



Part 1

1 Which person was a general in the Union Army?

- A** Ulysses S. Grant
- B** Abraham Lincoln
- C** Robert E. Lee

Go On ►

2 Study the map.

Eastern United States



Which state shares a border with Southeastern Tennessee?

- F** Georgia
- G** Mississippi
- H** Arkansas

3 Study the text.

_____ ? _____ Amendment

All persons born in the United States are citizens of the United States, and they deserve equal protection of their rights.

Which Constitutional amendment is best described by the text?

A 11th

B 12th

C 14th

4 Which leader helped women gain the right to vote?

F Nancy Ward

G Rosa Parks

H Anne Dallas Dudley

Go On ►

5 Study the list.

- Rise in number of jobs
- Increased demand for goods
- Greater company profits

Which phrase best explains this list?

- A** political unrest
- B** economic boom
- C** stable wages

6 Study the picture.

Clara Barton



During the Civil War, the woman in the picture was best known for

- F** providing medical care to soldiers.
- G** educating children in rural areas.
- H** organizing local food drives.

Go On ►

7 Study the picture.

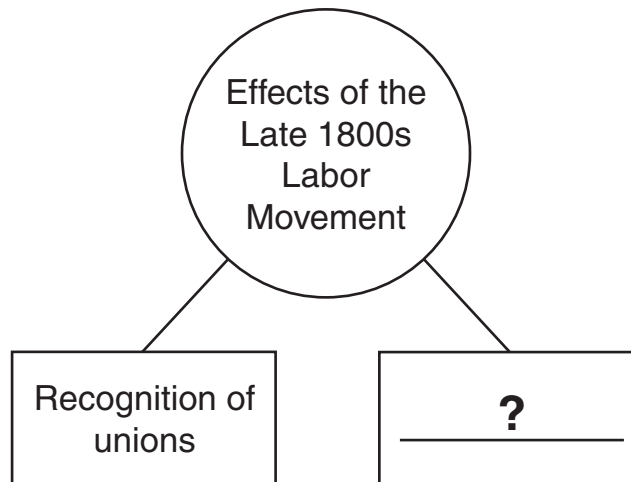
New York City, 1908



How did the construction of skyscrapers change this city?

- A** Changes in building design helped the city grow.
- B** Steamships became the primary transportation into the city.
- C** The number of residences in the city decreased.

8 Study the diagram.



Which effect best completes the diagram?

- F** Hourly pay lowered
- G** Workdays shortened
- H** Factory inspections reduced

Go On ►

9 Study the list.

_____?

- Approves local laws
- Organizes the police force
- Creates local budgets

Which title best completes the list?

- A** Duties of the President
- B** Duties of the City Council
- C** Duties of the Senate

10 Study the list.

Governor Austin Peay's Contributions

- Reorganized state government
- _____?

Which action best completes the list?

- F** Started a free housing program
- G** Planned suffrage meetings
- H** Supported public education

11 Which headline best describes a national need being met?

A

Gas Prices Increase
across the Country

B

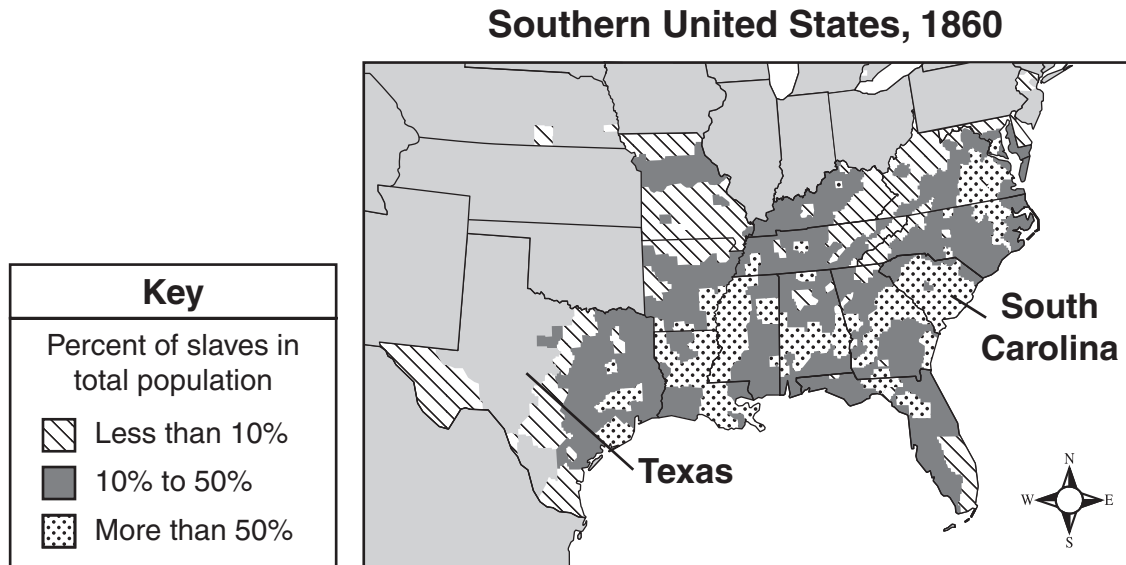
Government Provides
Money for National Defense

C

Air Pollution
Increases Worldwide

Go On ►

12 Study the map.



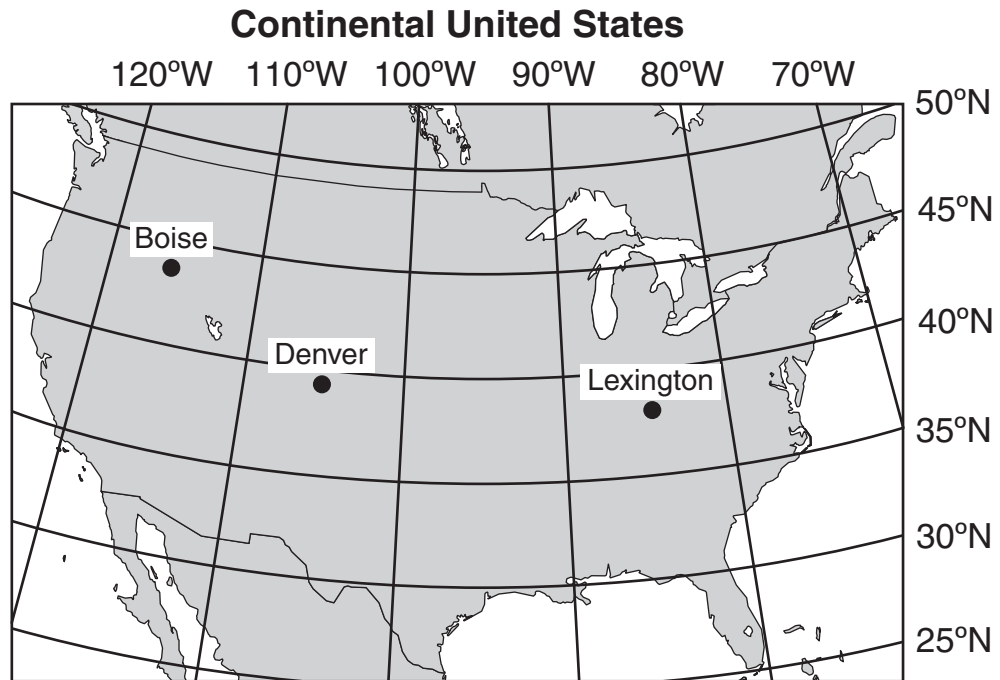
Which conclusion can be made based on this map?

- F** Most slaves lived in the Gulf Coast region.
- G** The majority of people in the South owned slaves.
- H** Many states in the South relied on slaves for labor.

13 Which technology from the 1800s allows instant communication over long distances?

- A** the railroad
- B** the telegraph
- C** the phonograph

14 Study the map.



Which city is located closest to 40°N and 106°W on the map?

- F** Boise
- G** Denver
- H** Lexington

Go On ►

15 Study the quotation.

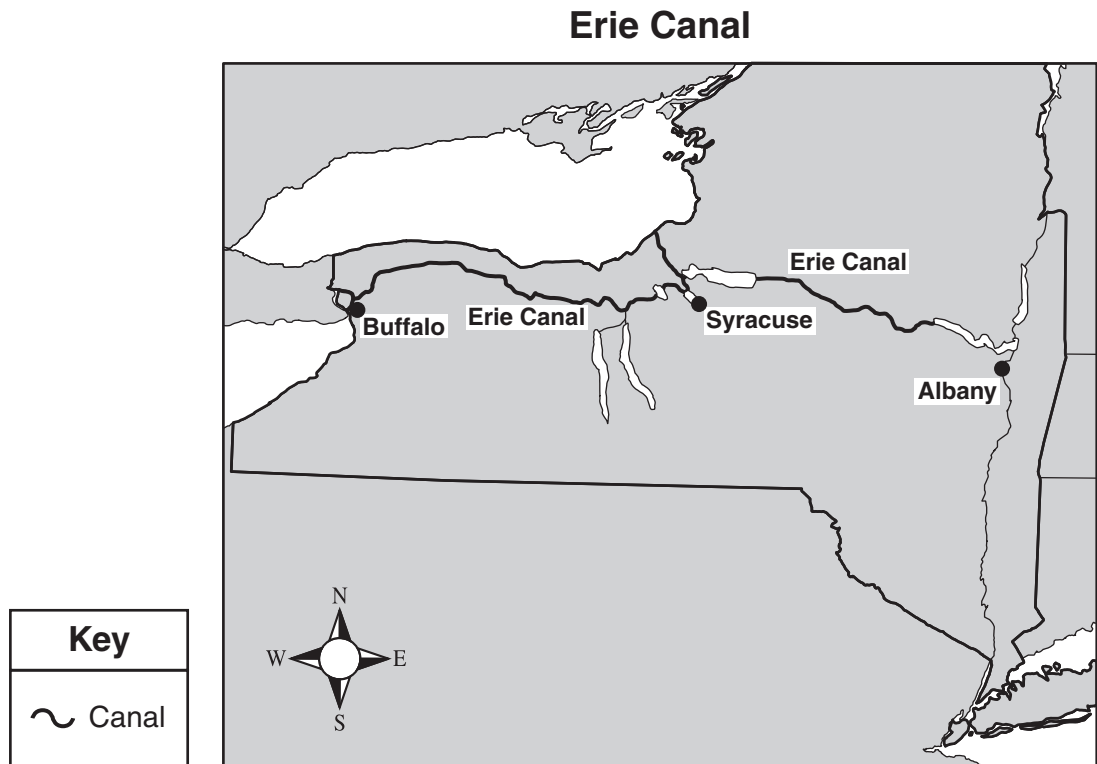
We must do all we can . . . [no one] shall be [allowed] to starve. . . . In addition to providing emergency relief, the Federal Government should and must provide temporary work wherever that is possible.

— Franklin D. Roosevelt, October 31, 1932

What did Franklin D. Roosevelt suggest the federal government do to assist citizens?

- A** create social services programs
- B** assist with the purchase of automobiles
- C** supply new clothing for children

16 Study the map.



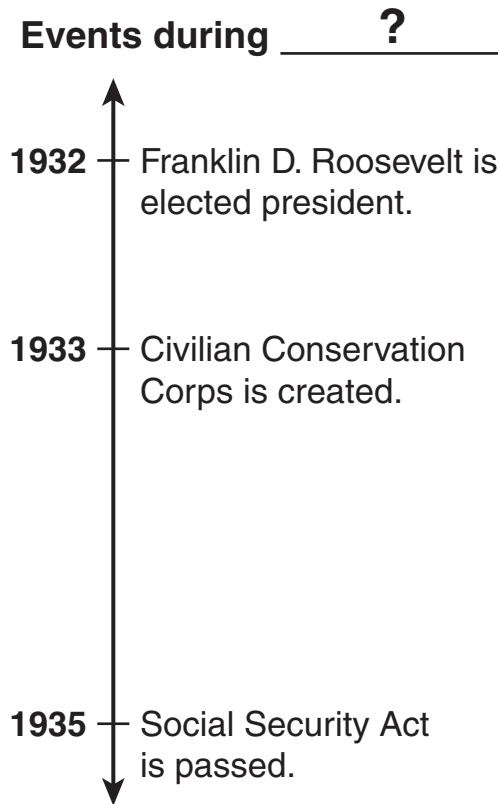
Which city along the Erie Canal is farthest west?

- F** Buffalo
- G** Syracuse
- H** Albany

Go On ►

- 17** If a person leaves central Tennessee and travels north, which state will that person enter first?
- A** Kentucky
 - B** Illinois
 - C** Alabama

18 Study the timeline.

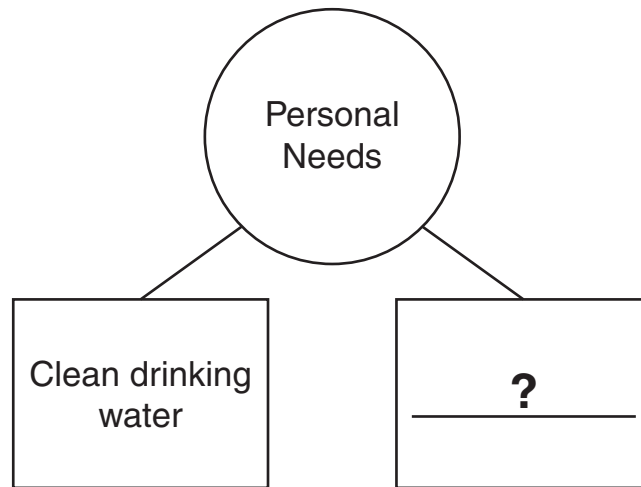


Which event best completes the title?

- F** Reconstruction
- G** the Civil Rights Movement
- H** the Great Depression

Go On ►

19 Study the diagram.



Which phrase best completes the diagram?

- A** Playground
- B** Shopping mall
- C** House

20 Which Supreme Court decision led to the desegregation of American public schools?

- F** *Plessy v. Ferguson*
- G** *Brown v. Board of Education*
- H** *Miranda v. Arizona*

21 Study the chart.

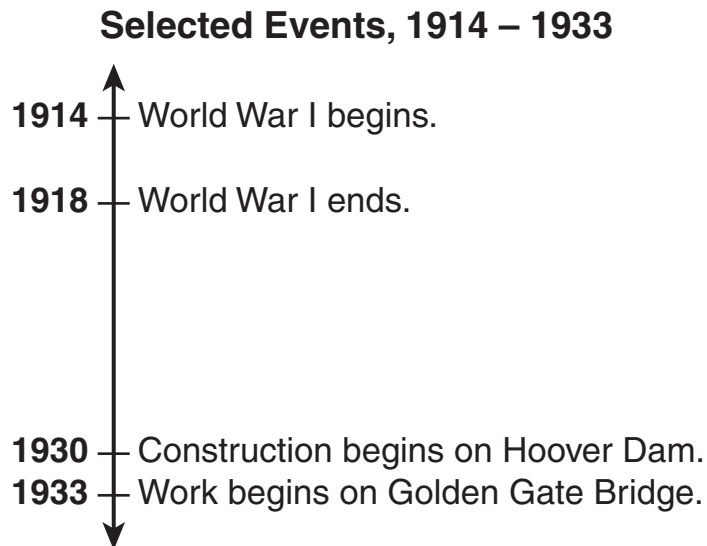
Federal Level	State Level
Chief Executive: President	Chief Executive: ____?

Which leader best completes the chart?

- A** Sheriff
- B** Mayor
- C** Governor

Go On ►

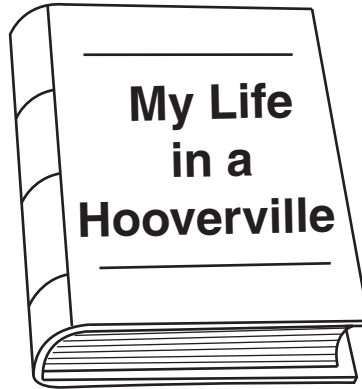
22 Study the timeline.



When did construction of the Hoover Dam begin?

- F** before the start of World War I
- G** after the end of World War I
- H** after the start of work on the Golden Gate Bridge

23 Study the picture.



Which issue does this book most likely discuss?

- A** population growth caused by the New Deal
- B** factory work conditions caused by Black Tuesday
- C** economic effects of the Great Depression

Go On ►

24 Study the map.

Western United States



Which numbered state is Oregon?

- F** 1
- G** 2
- H** 3

25 Frederick Douglass is known for

- A** serving as a Confederate general.
- B** establishing a hospital for Union soldiers.
- C** encouraging the equal treatment of African Americans.

26 Which object best shows a personal need?

F



© Henrik Jonsson/Stockphoto #15630953

G



© Kamo/Stockphoto #10037114

H



© largeformat4x5/Stockphoto #12705719

Go On ►

27 Study the photo.

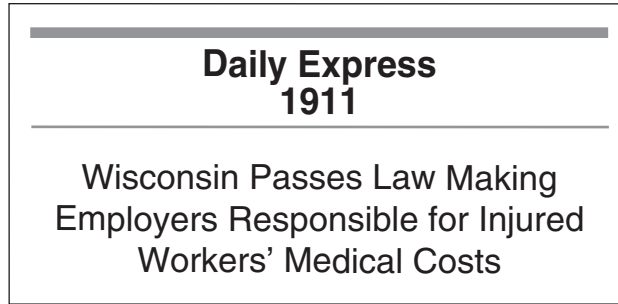
Vietnam Peace March, 1965



Which amendment protects the marchers shown in the photo?

- A** First Amendment
- B** Fifth Amendment
- C** Sixth Amendment

28 Study the headline.



Source: The Iowa Orthopaedic Journal

Which issue does the headline best address?

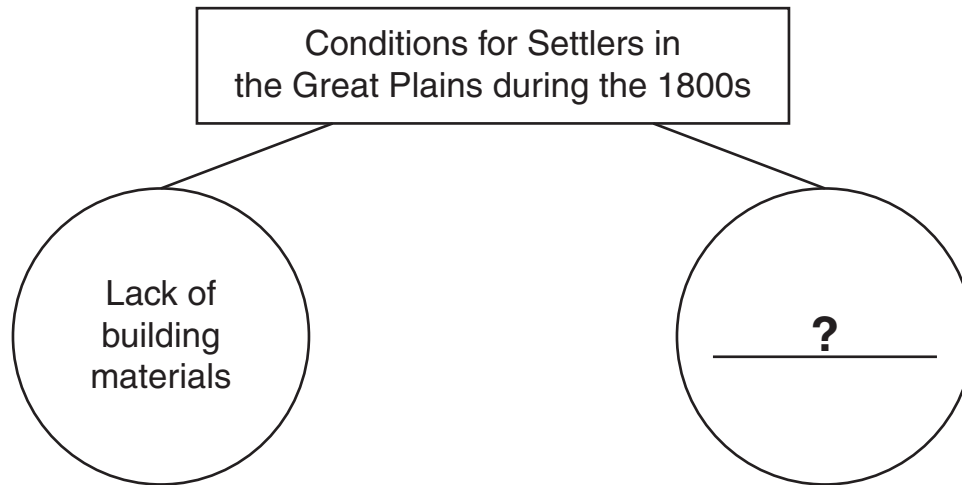
- F** increase of peoples' pay
- G** payment for labor union leaders
- H** guarantee of workplace safety

29 How did the use of installment plans affect purchases of vacuum cleaners?

- A** Vacuum cleaners became easier to buy.
- B** Vacuum cleaners became less expensive.
- C** Vacuum cleaners became less popular.

Go On ►

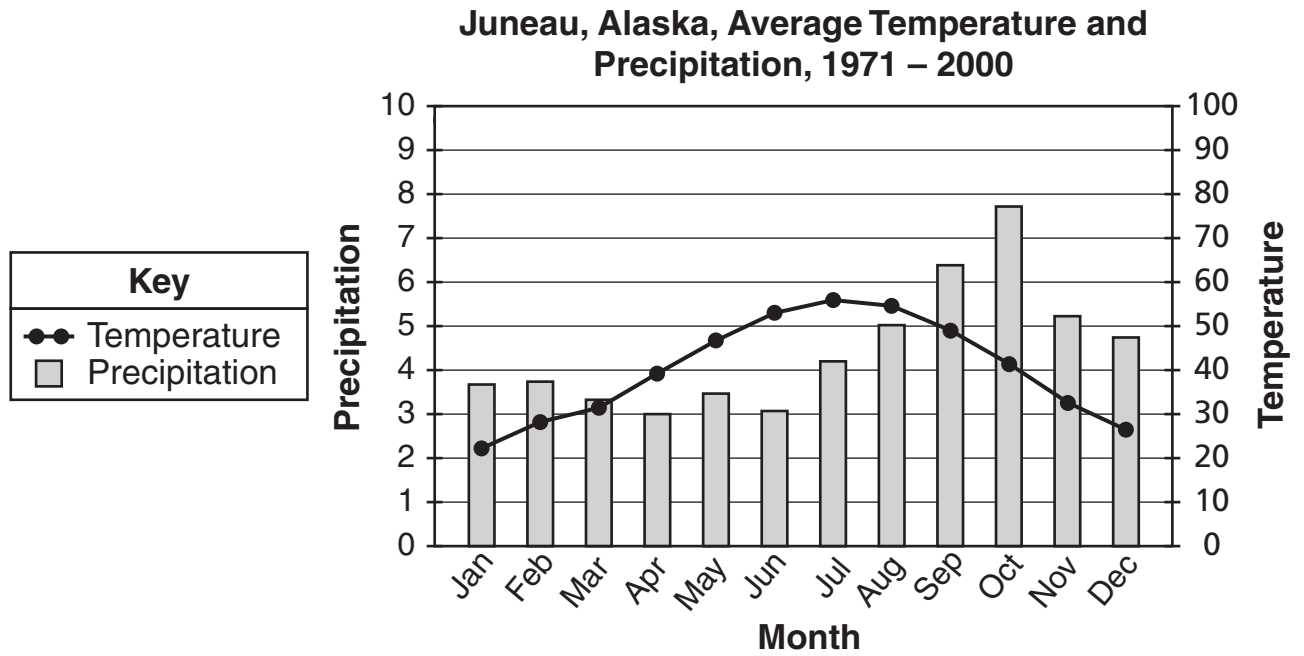
30 Study the diagram.



Which condition best completes the diagram?

- F** High land prices
- G** Strong state governments
- H** Isolated local communities

31 Study the climograph.



Based on the climograph, which month received the most precipitation?

- A** February
- B** July
- C** October

Part 2

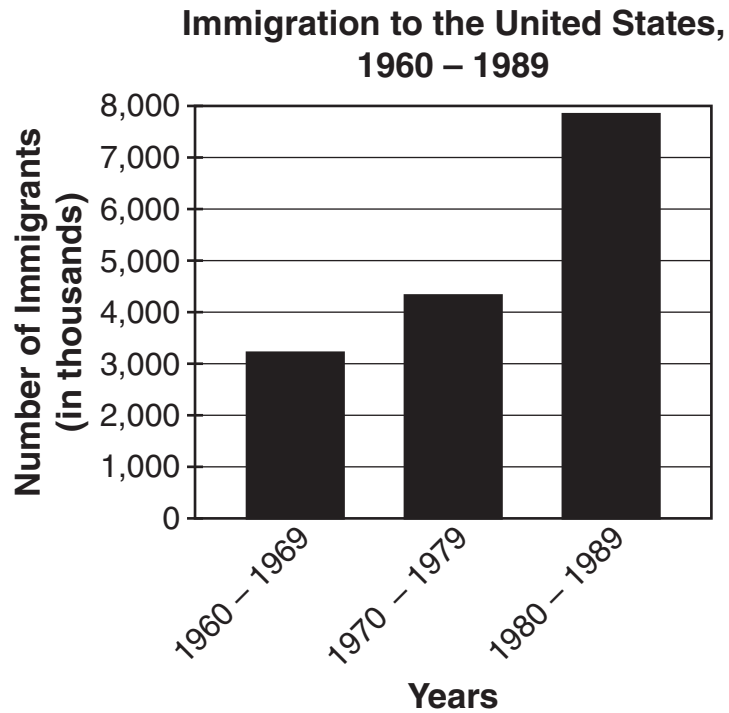
32 Study the map.



Which ocean is marked with an X on the map?

- F** Arctic
- G** Pacific
- H** Atlantic

33 Study the graph.








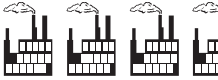


Source: U.S. Census Bureau

What was one effect of the information shown in this graph?

- A** safer factory conditions
- B** increase in national population
- C** improved local services

Go On ►

34 Study the table.

Nation's Resources, 1860		
	South	North
Population		
Farm Acreage		
Manufacturing Establishments		
Workers in Manufacturing		

Source: Melvin Schwartz and John R. O'Connor,
Exploring American History,
Globe Book Co. (adapted)

Based on the chart, which statement about resources in 1860 is correct?

- F** The South had a larger population.
- G** The North relied more on farming.
- H** The North relied more on manufacturing.

35 Which action would most likely need conflict resolution?

- A** The librarian is ordering books for the book fair.
- B** Two students want to use the same telescope.
- C** The basketball coach is starting practice.

36 Study the photograph.

Drought Affected Area in Liberal, Kansas, 1936



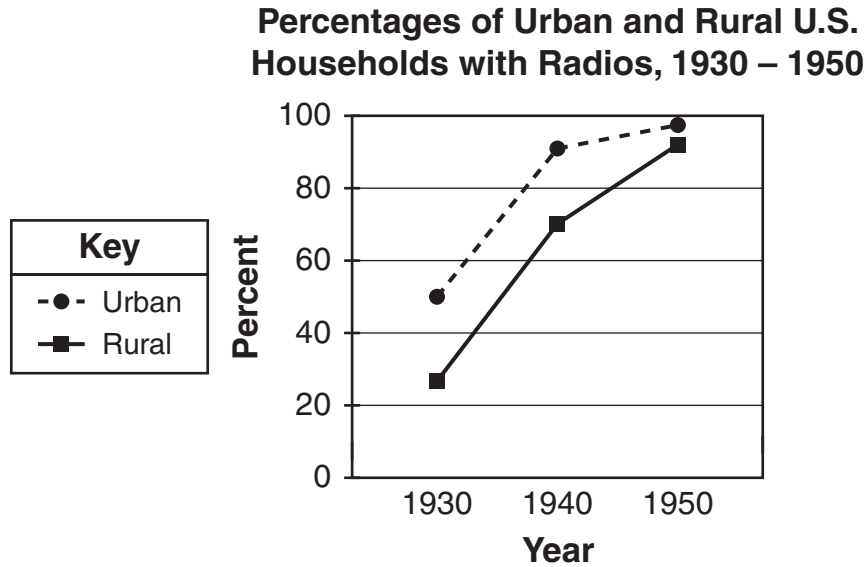
Courtesy of Library of Congress #LC-USF34-002504-E

Which effect did the drought have on this area?

- F** Farmers lost their crops and were forced to move.
- G** Home and property prices increased dramatically.
- H** The price of food dropped across the country.

Go On ►

37 Study the graph.



Based on the graph, which statement about radio sales is correct?

- A** Rural areas had more radios than urban areas in the 1940s.
- B** Most people had radios by 1950.
- C** The price of radios increased by the 1950s.

38 Study the letter.

The [drought] in Kansas [everywhere]! The last crop gone!
. . . No vegetables! No corn! No seed of any kind! No bread!
No money! No hope! What is to be done? . . . Crop after
crop has been put in: as one failed another was tried.

— Letter from Thaddeus Hyatt to the *New York Tribune*, September 4, 1860

Thaddeus Hyatt wrote this letter to the *New York Tribune* to

- F** encourage more people to move to Kansas.
- G** tell about the difficult conditions in Kansas.
- H** show support for Kansas becoming a state.

39 In which Grand Division of Tennessee is the Highland Rim found?

- A** Middle Tennessee
- B** West Tennessee
- C** East Tennessee

Go On ►

40 Study the list.

Selected Cabinet Departments

Department	Year Established
Treasury	1789
War	1789
Interior	1849
Labor	1913

Source: Cabinet Department websites

What is one effect of the establishment of the departments shown on this list?

- F** an increase in government services
- G** a decrease in job opportunities
- H** an increase in the number of elections

41 Study the chart.

United States Senate	Tennessee State Senate
<ul style="list-style-type: none">• Each state has 2 Senators.• Senators serve 6-year terms.	<ul style="list-style-type: none">• <u> ?</u>• Senators serve 4-year terms.

Which phrase completes the chart?

- A** Senators are appointed by the governor.
- B** Senators represent town councils.
- C** Senators represent the people of a district.

Go On ►

42 Study the document.

**Homestead Certificate Granting 160 Acres
of Land in Nebraska, 1868**

asc

HOMESTEAD.

Land Office at *Brommville Neb*
January 20th 1868.

CERTIFICATE } <i>No. 1</i>	} APPLICATION, <i>No. 1</i>
-------------------------------	--------------------------------

It is hereby certified, That pursuant to the provisions of the act of Congress, approved May 20, 1862, entitled "An act to secure homesteads to actual settlers on the public domain,"

Daniel Herman has
made payment in full for *Eighty Acres of NW 1/4 of Sec 6 1/4* of
Section *Twelfth Sec (26)* in Township *fourth N*
of Range *five (5) E* containing *160* acres.

Now, therefore, be it known, That on presentation of this Certificate to the
COMMISSIONER OF THE GENERAL LAND OFFICE, the said *Daniel*
Herman shall be entitled to a Patent for the Tract of Land above described.
Henry M. Ottinson Register.

Courtesy of NARA (ARC #1656508)

The document could be used to explain how

- F** the government gained territory in the Southeast.
- G** agriculture was developed in the Northeast.
- H** lands were settled in the West.

43 Which amendment expanded voting rights in the United States?

- A** 10th Amendment
- B** 14th Amendment
- C** 15th Amendment

44 Study the quotation.

I have as much muscle as any man, and can do as much work as any man. . . . You need not be afraid to give us our rights for fear we will take too much . . . give it to her and you will feel better.

— Sojourner Truth, 1851

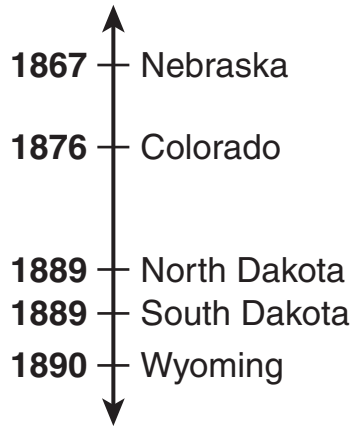
What was Sojourner Truth most likely asking for in this speech?

- F** women's equality
- G** free private schools
- H** access to farmland

Go On ►

45 Study the timeline.

Date of Statehood



Source: National Oceanic and Atmospheric Administration

Based on the timeline, which statement is correct?

- A** Wyoming became a state before South Dakota.
- B** Nebraska became a state after North Dakota.
- C** North Dakota became a state after Colorado.

46 Study the passage.

Little girls refused the candy which was offered to them . . . saying simply that they “worked in a candy factory and could not [even look at] it.” We discovered that for six weeks they had worked from seven in the morning until nine at night . . .

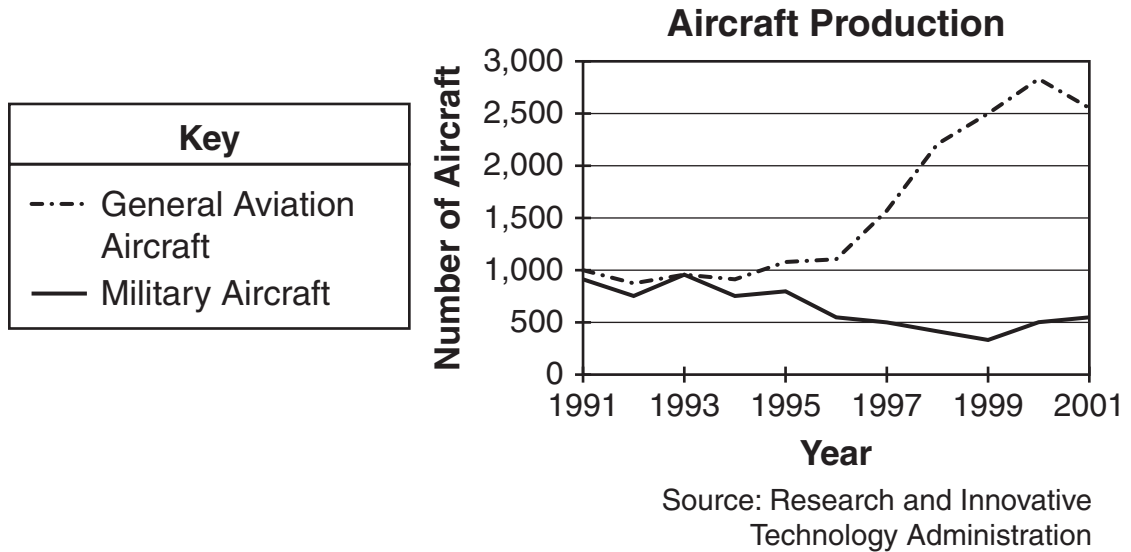
— Jane Addams, 1912

Based on the passage, which change would Jane Addams most likely have supported?

- F** limiting the number of new immigrants
- G** ending the use of child labor
- H** establishing laws against labor unions

Go On ►

47 Study the graph.



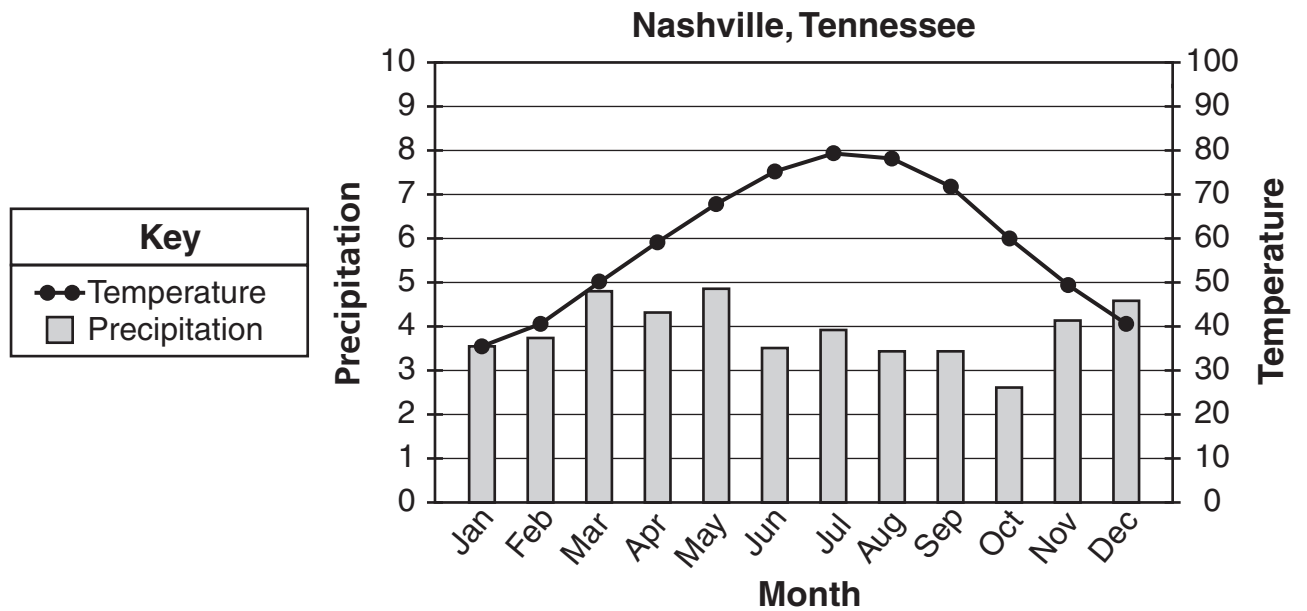
During which year were the same number of general aviation aircraft and military aircraft produced?

- A** 1993
- B** 1995
- C** 1997

48 Which condition most challenged new farmers settling in the Great Plains during the late 1800s?

- F** shortage of seeds
- G** flooding rivers
- H** lack of rain

49 Study the climograph.



During which month does Nashville experience the highest average temperature?

- A** January
- B** May
- C** July

Go On ►

50 Study the buildings.

**Flatiron Building,
New York City,
Built in 1901**



**Medical Arts Building,
San Antonio,
Built in 1924**



Which factor influenced the design of these types of buildings?

- F** higher demand for natural resources in urban areas
- G** use of steel as a construction material
- H** increased demand for government services

51 Which calendar marks Thanksgiving Day?

A

May 2013						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

B

July 2013						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

C

November 2013						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Go On ►

52 Study the order.

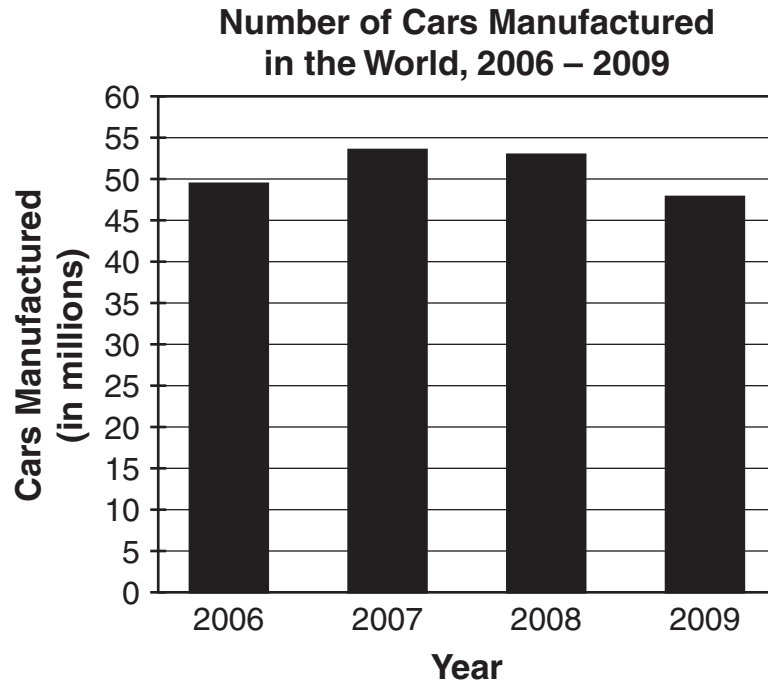
... that there shall be equality of treatment ... for all persons in the armed services without regard to race.

— President Harry Truman, Executive Order (1948)

This executive order was made to help ensure

- F** a minimum age requirement for military service.
- G** more opportunities for minorities in the military.
- H** a rapid end to the use of the military draft.

53 Study the graph.



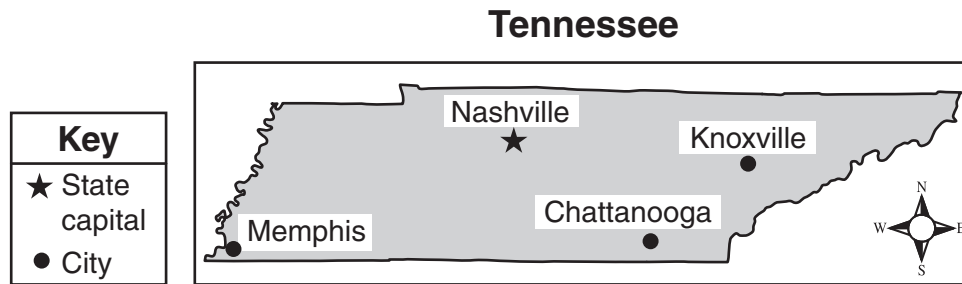
Source: International Organization of
Motor Vehicle Manufacturers

Based on the graph, which statement is true?

- A** Car production increased each year.
- B** The most cars were produced in 2007.
- C** The fewest cars were produced in 2006.

Go On ►

54 Study the map.



Which city is located southwest of the state capital?

- F** Memphis
- G** Chattanooga
- H** Knoxville

55 Study the headline.



What is the reason for the event described in the headline?

- A** recognition of the rights of workers
- B** celebration of national independence
- C** recognition of military veterans

- 56** Which stamp is honoring the importance of music in American culture?

F



© Ken Brown/
iStockphoto #16035944

G



© tunart/
iStockphoto #15888370

H



© tomogral/
iStockphoto #11867533

Go On ►

57 Study the chart.

Important American Documents

Name of Document	Purpose of Document
Declaration of Independence	Declared the colonies independent from England
Bill of Rights	?

Which statement best completes the chart?

- A** Protected citizens' basic freedoms
- B** Outlined the country's government
- C** Set up a system for electing officials

58 Study the table.

Official U.S. Census Count

Year	Population
1900	76,212,168
1910	92,228,496
1920	106,021,537
1930	123,202,624

Source: U.S. Census Bureau

The population change shown in the table led to

- F** reduced access to technology.
- G** cuts in spending for the arts.
- H** increased demand for government services.

59 Study the passage.

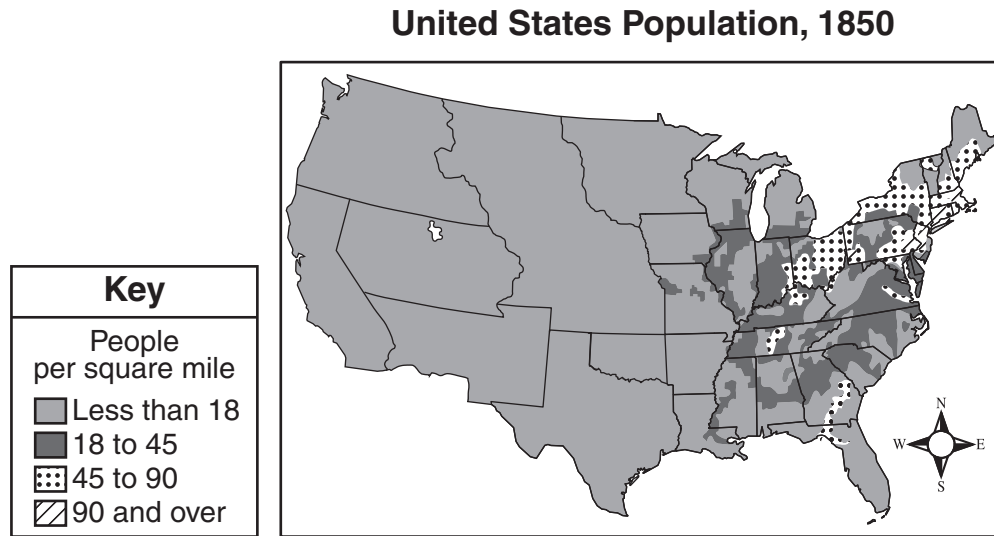
Farmer Thomas purchased supplies at a store. His purchase totaled \$500. He paid \$200 in cash and agreed to pay what was left throughout the year.

Which method of payment was used in this situation?

- A** bank check
- B** store credit
- C** trading of services

Go On ►

60 Study the map.



Which region had the most people per square mile in 1850?

- F** Southwest
- G** Northeast
- H** Midwest

61 Which change resulted from the 13th amendment?

- A** granting of jury trials
- B** protecting the right to own guns
- C** ending of slavery

Reading/Language Arts Answer Key

1	C
2	H
3	A
4	G
5	C
6	F
7	B
8	F
9	A
10	G
11	C
12	H
13	B
14	G
15	A
16	H
17	C

18	H
19	B
20	G
21	C
22	F
23	A
24	G
25	C
26	F
27	C
28	H
29	C
30	G
31	A
32	G
33	A
34	H

35	C
36	G
37	C
38	F
39	A
40	F
41	A
42	H
43	A
44	H
45	B
46	H
47	B
48	H
49	B
50	F
51	A

52	G
53	A
54	H
55	C
56	F
57	B
58	F
59	B
60	F
61	C
62	H
63	C
64	G
65	B
66	H

Mathematics Answer Key

1	A
2	G
3	A
4	H
5	B
6	F
7	C
8	F
9	B
10	G
11	A
12	G
13	B

14	F
15	C
16	G
17	B
18	F
19	C
20	F
21	B
22	F
23	B
24	G
25	C
26	F

27	C
28	F
29	B
30	G
31	A
32	F
33	B
34	H
35	C
36	F
37	C
38	F
39	A

40	G
41	C
42	F
43	B
44	G
45	C
46	G
47	A
48	F
49	B
50	G
51	C

Science Answer Key

1	C
2	F
3	B
4	F
5	A
6	H
7	A
8	G
9	C
10	G
11	B
12	F
13	B
14	H
15	C
16	G

17	C
18	F
19	B
20	G
21	C
22	F
23	A
24	H
25	A
26	H
27	A
28	G
29	B
30	F
31	C
32	H

33	C
34	G
35	B
36	H
37	B
38	H
39	A
40	H
41	C
42	F
43	A
44	G
45	A
46	H
47	B
48	F

49	C
50	G
51	A
52	H
53	B
54	G
55	A
56	F
57	C
58	F
59	B
60	F
61	A

Social Studies Answer Key

1	A
2	F
3	C
4	H
5	B
6	F
7	A
8	G
9	B
10	H
11	B
12	H
13	B
14	G
15	A
16	F

17	A
18	H
19	C
20	G
21	C
22	G
23	C
24	F
25	C
26	H
27	A
28	H
29	A
30	H
31	C
32	F

33	B
34	H
35	B
36	F
37	B
38	G
39	A
40	F
41	C
42	H
43	C
44	F
45	C
46	G
47	A
48	H

49	C
50	G
51	C
52	G
53	B
54	F
55	B
56	F
57	A
58	H
59	B
60	G
61	C



Tennessee Comprehensive Assessment Program
Modified Academic Achievement Standards ~ Grade 5
Practice Test
Version B